# PRINTING PRODUCTION

# 1960

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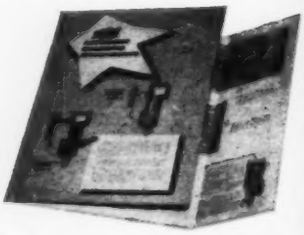

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EDWARD H. OWEN, EDITOR
PAUL B. HOLDER, PUBLISHER
MacD. SINCLAIR, CONSULTING EDITOR
JOHN D. HEMMLER, ASSISTANT EDITOR
DEANNA MIHALICK, ASST. TO EDITOR
ANNE T. RACKEL, ADV. PRODUCTION

WILLIAM L. OSBORN, EASTERN ADV. MGR.
2709 GR. CENTRAL TERM., NEW YORK 17, N. Y.
PHONE: MURRAY HILL 6-5980

MEADE AND COMPANY, NEW ENGLAND REP.
454 STATLER OFFICE BLDG., BOSTON 16, MASS.
PHONE: LIBERTY 2-9677

MELBURN D. SIMMONS, MIDWEST ADV. MGR.
333 N. MICHIGAN AVE., CHICAGO 11, ILL.
PHONE: DEARBORN 2-6467

WILLIAM A. AYRES, WESTERN REP.
233 SANSOME ST., SAN FRANCISCO 4, CALIF.
PHONE: YUKON 6-2981

FRED FRISENFELDT, WESTERN REP.
1709 W. EIGHTH ST., LOS ANGELES 17, CALIF.
PHONE: HUBBARD 3-2777

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# USE THE READER SERVICE CARD FOR MORE INFORMATION

# IT'S EFFICIENT, FAST AND EASY

This postage-paid card is for your convenience in requesting further information on any editorial item or advertisement in this issue of PRINTING PRODUCTION. Circle the number for any item or advertisement and fill in the card completely. Your request will be promptly sent to the company for which it is intended.

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| 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 |

PLEASE PRINT OR TYPE

*(This card valid only if used before January 15, 1960 and only if the card is filled out* completely.)

Name_____

Title or Department_____

Company Name_____

Company Address_____

City_____ Zone_____ State_____

**DECEMBER '59**

FIRST CLASS
PERMIT NO. 2285
CLEVELAND, OHIO

**BUSINESS REPLY CARD**

No Postage Stamp Necessary if Mailed in the United States

POSTAGE WILL BE PAID BY

**PRINTING PRODUCTION**

1276 West 3rd Street

CLEVELAND 13, OHIO

READER SERVICE DEPARTMENT

FOR YOUR CONVENIENCE IN REQUESTING MORE INFORMATION

NIENCE

STING

ATION

THE EASIEST AND BEST WAY TO TELL US YOU'VE MOVED

## MY OLD ADDRESS READ:

(THE EASIEST AND BEST WAY TO GIVE US THIS INFORMATION IS TO CUT OUT THE ADDRESS SECTION OF YOUR MAGAZINE WRAPPER AND ATTACH TO THIS CARD)

NAME _____

COMPANY _____

COMPANY ADDRESS _____

CITY _____ ZONE ____ STATE _____

KEY NO. _____

## MY NEW ADDRESS IS:

NAME _____

TITLE AND DEPT. _____

COMPANY _____

COMPANY ADDRESS _____

CITY _____ ZONE ____ STATE _____

FIRST CLASS
PERMIT NO. 2285
CLEVELAND, OHIO

**BUSINESS REPLY CARD**

No Postage Stamp Necessary if Mailed in the United States

POSTAGE WILL BE PAID BY

**PRINTING PRODUCTION**

1276 West 3rd Street

CLEVELAND 13, OHIO

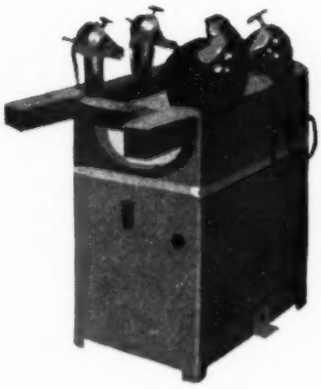
READER SERVICE DEPARTMENT

STEREO/COLOR
EQUIPMENT
by
STA-HI
CORPORATION

...used by the progressive newspapers winning 5 out of 6 top awards for excellence of r.o.p. color reproduction in 1959...

## STA-HI MASTER MATCHER

Makes possible close register of color mats for R.O.P. or color press production, before plates are cast, through image-to-image comparison of actual printing areas and establishment of accurate register reference points.



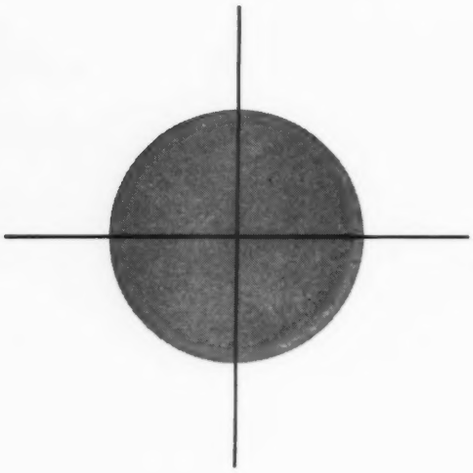
## STA-HI MASTER TRIMMER

Can be used separately or in conjunction with Master Matcher to pick up accurate register reference points on color mats and trim them uniformly to assure precision register in casting equipment, either hand box or automatic.

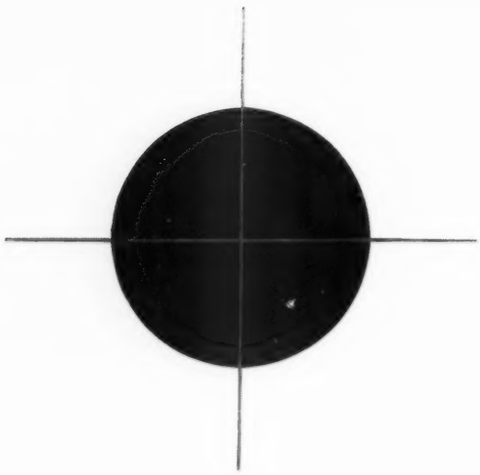
## STA-HI VACUUM FLAT FORMER

For drying and flat-forming color mats to assure uniform processing during critical registration operations. Can also be used for routine handling of advertising and editorial mats to assure highest quality flat casts. Machine is similar to Master Former in design and operation.

*For More Information Circle 165 on Reader Service Card*



# Hardest dot in the business!



The "hard dot," so essential to clean, brilliant images is at its ultimate in Ansco graphic emulsions. But the "hard dot" is just one of many advantages.

Take Ansco Reprolith Ortho Type B for example. This film offers perfect orthochromatic response to filtration, an advantage in eliminating costly handwork on negatives.

Why not try this superb film today. Remember, there's more to an Ansco film than meets the plate. Ansco, Binghamton, N. Y., A Division of General Aniline & Film Corporation.

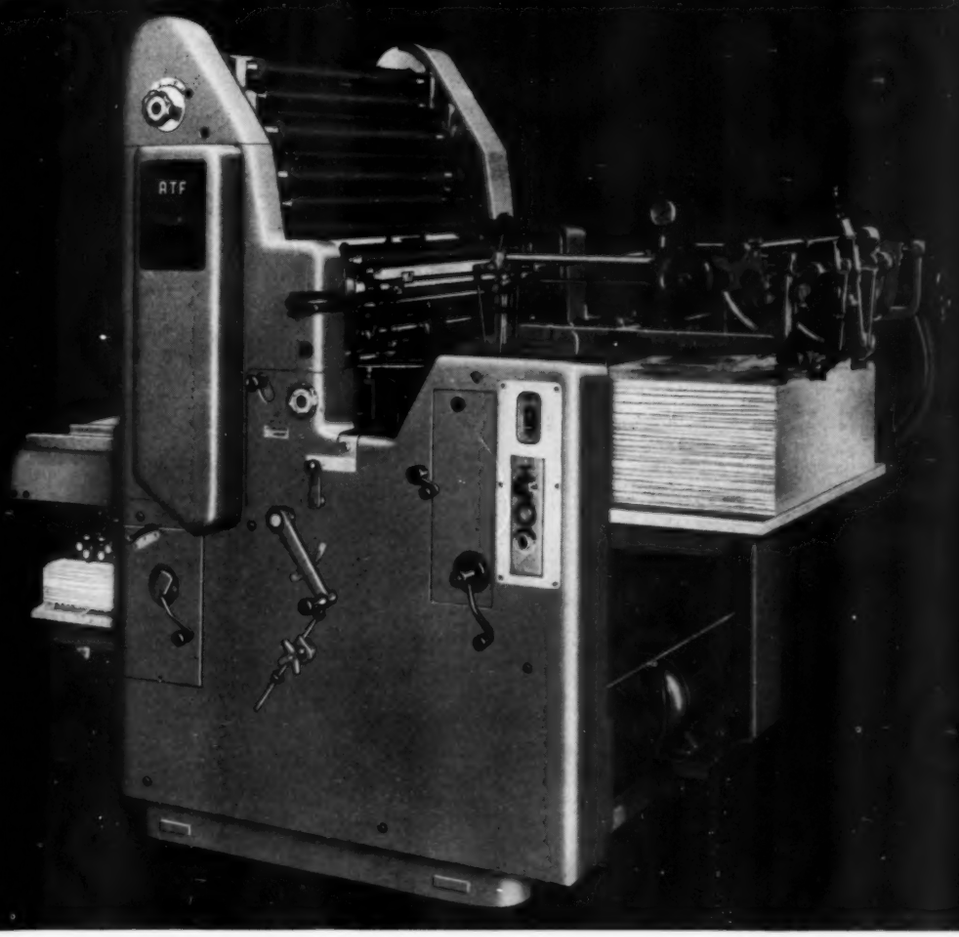
**Ansco**

*Reprolith Ortho Type B*

***For More Information Circle 15 on Reader Service Card***

# the ATF Chief 24

## turns out popular commercial sizes...fast, economically




ATF

# Big Producer

## of printing and profits!

You'll be delighted with the huge quantities of quality work this busy Chief can produce...in sheet sizes most in demand: 8½ x 11" four-up with full bleed and room to spare; 9 x 12" four-up; and 6 x 9" eight-up. *And the Chief 24 requires less floor space than any other press handling 9 x 12" jobs four-up.*

A favorite with printing plant owners and pressmen, the ATF Chief 24 has many features that make printing easier, faster and more profitable.

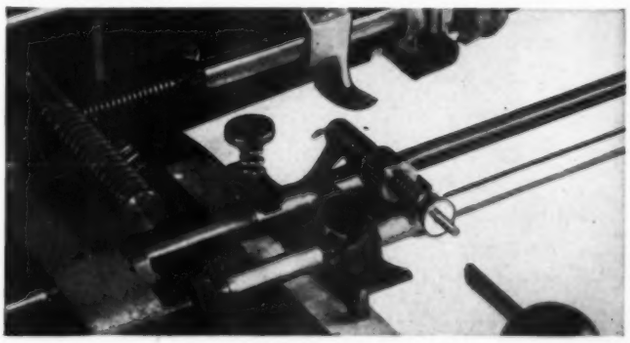
The fast plate clamp reduces your changeover time to the very minimum. A quarter turn of three clamps is all that is needed to engage or disengage the plate edge.

Helical gears, plus full bearers, promote smooth, quiet operation...and help maintain better register by eliminating "play."

As for the inking system, there just isn't a finer one on *any* offset press! Nineteen ink rollers (plus the fountain roller) give you superior coverage on even the most critical jobs, including those with large areas.

The Solna Variator gives you stepless speed control from 2500 to 6000 impressions per hour...lets you select the exact running speed most suitable for each job.

For complete information about *all* operating features and full specifications, send for the new booklet on the ATF Chief 24.



*PULL SIDE GUIDES let you make register adjustments while the press is running. Two sheet detectors, close to the headstops, check the sheet ¼" from the gripper edge. A crooked or late sheet, or any imperfection deeper than ¼" will automatically trip the press. Yet the imperfect sheet will be delivered, unprinted and uncounted, to the delivery pile for removal.*

ATF

**American Type Founders**

200 Elmora Avenue, Elizabeth, New Jersey

ATF Type Faces used in this advertisement: Headlines, Craw Clarendon. Body Copy, Century Expanded with Italic

*For More Information Circle 10 on Reader Service Card*

# WOOD METROPOLITAN 4-COLOR UNIT...

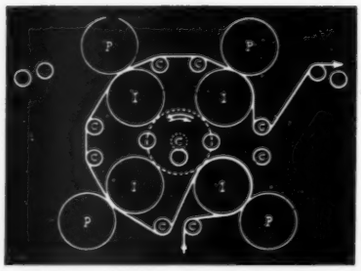
## the ULTIMATE in fine quality ROP Color Printing

Newspapers everywhere are equipping their plants to print ROP color. The WOOD Metropolitan 4-Color Unit has gained wide acceptance wherever newspapers print in color . . . ROP, Special Supplements, or Comic Strips . . . because it provides a practical means of meeting today's requirements for color in newsprint.

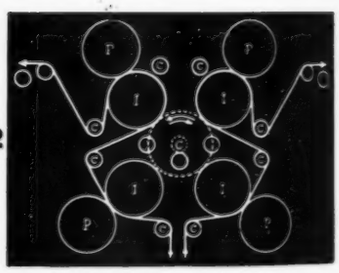
### Note the extreme flexibility of the 4-Color Unit

- Individual couples reversible as desired.
- Adaptable for use with standard black and white units.
- Also prints black; press need not stay idle when no color is running.
- Color and black cylinders controlled by single gear.
- Minimizes back-lash... assures better register.
- Individual color fountains removable for quick wash-up and color changes.

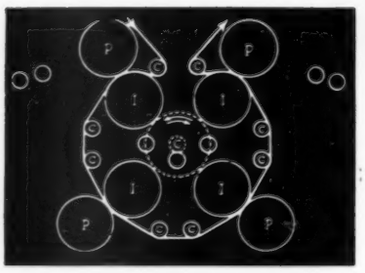
### THREE WEB ARRANGEMENTS ON THE WOOD METROPOLITAN 4-COLOR UNIT



1 Side elevation; press plated to print 3 colors one side, black on other. Either side of web can take first or second impression.



2 Press arranged to print two webs, black only.



Web arranged to receive four colors consecutively in short order. Any or all couples may be reversed at will, resulting in exceptional flexibility.

IF IT'S Wood IT'S GOOD

**WOOD NEWSPAPER MACHINERY CORPORATION**

PLAINFIELD, NEW JERSEY • Executive & Sales Office: 501 Fifth Avenue, New York 17, N.Y.

MANUFACTURERS OF PRESSES, COLOR UNITS, REELROOM AND STEREOTYPE EQUIPMENT FOR A CENTURY

*For More Information Circle 237 on Reader Service Card*

# Save with Powerlith Developer Concentrate

Now, Chemco introduces a pre-mixed, liquid, two-part formaldehyde developer concentrate ready for immediate use by simply adding it to water. Packaged in unbreakable 5-gallon Cubitainers. All you do is place container on shelf and draw off A and B concentrate as needed. No more dissolving powders with possible errors in formulation. No double handling. As developer is used, container collapses eliminating aerial oxidation and insuring unlimited shelf life.

Add undiluted Powerlith Concentrate to replenish tired developer, thus making one bath last an entire shift. One set of A and B 5-gallon containers makes 20 gallons of developer. Order a supply today, plus Chemco Power-Fix to complete your darkroom changeover.

chemco

## Chemco Photoproducts Co., Inc.

Main Office and Plant — Glen Cove, New York

Atlanta, Boston, Chicago, Cleveland, Dallas, New Orleans, New York
Exclusive West Coast Agents: California Ink Company, Inc.
Exclusive Agents in Canada: W. E. Booth Company, Ltd.

*For More Information Circle 40 on Reader Service Card*

# LETTERS

## TO THE EDITORS

### *Keeping Us on Sunrise Side of San Francisco Bay*

In the October issue of PRINTING PRODUCTION you published a picture of the winners of the Intl. Craftsmen's Club Bulletin Contest receiving their awards at the September convention in New York City.

Someone "goofed" and I wish to take this opportunity to call it to your attention. In the caption I am listed as belonging to the San Francisco Club, which is in error. As a matter of fact, I am at present president of the East Bay Club of Printing House Craftsmen, a separate and distinct club just across the bay from San Francisco.

While ours is a comparatively new club, being a youngster of seven short years, we are a very active and progressive group. We have as members Craftsmen who represent the finest plants in the Graphic Arts industry on the "Sunrise Side of San Francisco Bay."

Our fellow Craftsmen across the bay in San Francisco are a grand bunch of fellows. While we have the deepest regard for them as Craftsmen and fine neighbors, we feel we have a terrific club here in the East Bay and want the rest of the world to know it, too.

So please remember, there are two mighty fine Craftsmen's Clubs in the San Francisco Bay area—and one of them is the East Bay Club!

Al Grathwohl, President
East Bay Craftsmen's Club
c/o Hazeltine Typesetting, Inc.
Oakland, Calif.

### *Those Terrible Typos*

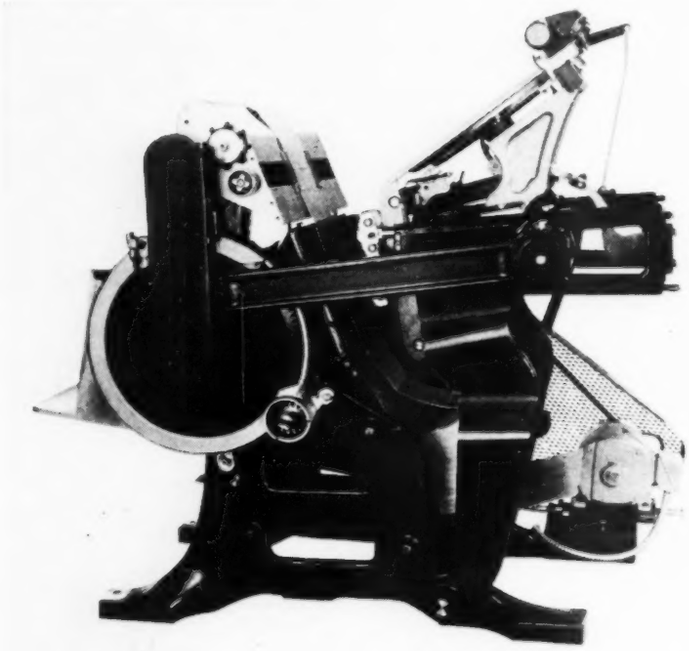
Nice work on the November issue. It's always a pleasure to go through PRINTING PRODUCTION's pages for some solid meat on what's going on in the industry.

Having leafed through miles of magazine galley proofs in my time I know how easy it is for one of those damn typos to sneak past the vigilant editorial eye. You have probably already noted the one in the caption beneath the Chief 226 picture.

This gives the printing area as 19⅝ in. by 24½ in., when it should be 19⅝ in. by 25½ in. Only an inch, but how that inch matters in printing!

Walter Kubilius
American Type Founders Co.
Elizabeth, N. J.


ANOTHER FIRST FOR KLUGE



INTRODUCING THE A-K CONTINUOUS FORMS PRESS

Yes, Brandtjen & Kluge has done it again, added another first to its line of leading graphic arts equipment.

A low-priced press specifically designed to fill the printers' needs for an economical, versatile, short-run press—the A-K Continuous Forms Press will print any of the edge-punched business forms, zig-zag folded, from 2½ to 19 inches in width and from 3 to 17 inches in advancement. Simple to operate and economically proven for short-run production, this new unit can also be used to crash imprint multiple part forms that have already been collated.

For complete details on this new press, contact any Kluge representative or:

BRANDTJEN & KLUGE, INC., St. Paul 3, Minn.

PIONEERS OF THE AUTOMATIC PLATEN PRESS

*For More Information Circle 3 on Reader Service Card*


# BOOKS

## for the PRINTING INDUSTRY

### *Planning for Better Imposition*

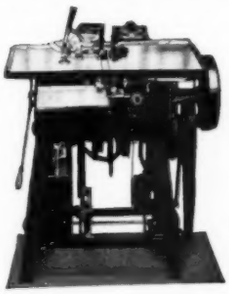
Those who are concerned with Graphic Arts planning as well as those who would enjoy learning more about one of printing's most complex fields will be interested in this book. *Planning for Better Imposition* deals with that area of printing which is founded upon sheet lays, stone lays, margins, gutters, companion pages, etc.

The book is written by H. Wayne Warner, assistant production manager for Judd & Detweiler, Inc., Washington, D. C. Warner translates the mechanics of imposition into terms which anyone can comprehend easily. Chapters are included which contain valuable tips on presses, folders, and workups. Other chapters have material on assembling information, terminology of lays, locking forms, lineup, imposition tricks and establishing margins.

The major portion of the pages is devoted to various sheet lays. These run the gamut from a simple four regular to a 32 book quad to sew. Text material comprises 40 pages of the book and is profusely illustrated with halftones and diagrams. A valuable reference handbook on imposition, the book will be in demand from the time it enters the planning department.

*Planning for Better Imposition*—By H. Wayne Warner. Paper covered with wire binding. Size, 9¼ in. by 12¼ in.; 138 pages. Price, $10 per copy; $11 outside U. S. A. Order direct from PRINTING PRODUCTION, 1276 W. Third St., Cleveland 13, O.

# LUDLOW BRIGHTYPE ELROD



**The Ludlow** (at the extreme left) produces slugline composition from 4 point to 96 point, also ruleforms. Advertising figures and alphabets up to 240 point are cast as individual characters lengthwise of the slug.

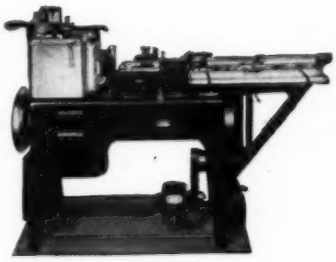
**The Ludlow Universal Matrix Cabinet** (shown in center above) accommodates all sizes of matrices, particularly large sizes, in normal case arrangement. Supplied either left or right-hand pull.

**The Ludlow Standard Matrix Cabinet** (shown at the left) meets most composing room requirements. Holds 20 cases; available in left or right-hand pull.

**The Brightype** (shown at left) method converts letterpress material into photographic images for offset, letterpress, rotogravure or other printing. Uses present typesetting facilities and gives excellent reproduction.

**The Ludlow Supersurfacer** (shown at the left) facilitates high-quality printing on any paper stock, reducing press make-ready. It trims a micrometric skin-cut from the face as it is fed through.

**The Ludlow Shell-Hi Slug Shear** (shown at the left) shears the Ludlow shank from the slug-head, converting it to a one-line plate for use with shell-cast stereotypes, and for corrections and additions.



**The Elrod** (shown at the bottom left) produces leads, slugs, rule and base material ranging in size from 1 point to 36 points. Elrod material is of uniformly high quality. Available with electric or gas crucible.

**Ludlow Typograph Company** 2032 Clybourn Avenue, Chicago 14

Set in members of the Ludlow Tempo family

*For More Information Circle 107 on Reader Service Card*

# NEWS ITEMS

**Nashville Firm Names New Supervisor**—Charles J. Davis, jr., has been appointed supervisor-rotary operations by Cullom & Ghertner Co, Nashville, Tenn.

**Perfection Buys New Quarters**—Perfection Type, Inc., has purchased an existing building at 2716 Nicollet Ave., Minneapolis. The move of the printing equipment and supply sales, service and maintenance facilities to the new building is scheduled for March 1. The typesetting plant will remain in its present location.

**New Director of Printing**—William E. Fassbinder, vice president of Corn Belt Publishers, Inc. and manager of its Drovers Telegram Div, has been named director of printing for the firm.

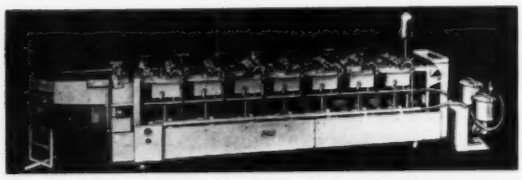
**DIPCO Coordinator at Dayton**—Paul V. Brown has been named coordinator of roller production for Dayton Industrial Products Co., Div. Dayton Rubber Co. Brown, who will make his headquarters at the main offices in Dayton, will be in charge of specialized roller production for the Graphic Arts and industrial roller fields in DAYCO division. Formerly, he was with Sam'l Bingham's Son Mfg. Co.

F+E+M+P
= Production Volume
F+(E+SK*)+M+P
= Profits plus

Any successful printer, bidding competitively today knows it takes the proper balance of these factors FACILITIES • EQUIPMENT MATERIAL • PERSONNEL — to show a healthy net profit at the end of the year!
Add the all-important component — (SK)* — to your equipment factor of this formula and it can lower personnel costs AND increase production for welcome PROFITS PLUS!
Over 450 customers have found SPEED-KLECT* the added component necessary to give them added profits. The **only** sheet collator in the world to automatically gather and glue even one-time carbon forms at high speed, SPEED-KLECT adds a **profitable** plus to your bindery set-up — **through automation!**
SPEED-KLECT keeps step with your presses . . . assures unprecedented accuracy in numbered work . . . assures you savings up to 50% over slow old-fashioned hand methods!

Speed-Klect sheet collators are available in 3-, 5-, 6-, 7-, 8-, and 9-station models — both single- and Dual-Stream (special sizes with additional stations to order). Almost any kind of stock can be handled for gathering and gluing — from one-time carbons to pre-collated sections.

**New component for profits plus!**



7-Station Model 71-1G. Speed-Klect Collators are covered by United States Patents No 2,568,224 and 2,846,214. Other patents pending.

clip AND MAIL FOR INFORMATION TODAY! PP-12

☐ Please send brochure and full information.

☐ Please send 11-minute, 16mm color/sound film, "Speed-Klect in Action."

NAME
COMPANY
ADDRESS
CITY STATE

Didde-Glaser, INC
Emporia, Kansas

General Office and Factory Dept. PP-12
50 Hi-way and W. 12th Avenue
Emporia, Kansas
Sales and Service Offices in New York, Chicago, and Los Angeles

*For More Information Circle 53 on Reader Service Card*

CARLSON

ABRAMS

**M-G-D Names Two for Promotion**—The appointments of two men at Miehle-Goss-Dexter, Inc, were recently announced. Former secretary of the Lawson Company division, E. M. Abrams has been named to the newly created position of vice president and general manager of that company. Carl E. Carlson has been named Chicago territory manager for both the Dexter Company and the Lawson Company divisions. In his new position, he will supervise all sales activities for M-G-D bindery and cutting equipment in a nine state area.

**Intertype's Cleveland Manager Dies** — William R. Evans, Cleveland district manager of the Intertype Company, Div. of Harris-Intertype Corp., died Oct. 27 in Wilkes-Barre, Pa. A member of the Intertype sales division since 1953, he was appointed Cleveland manager in 1958.

**M-G-D Financial Officer** — Kenneth J. Williams has been appointed to the newly created post of chief corporate financial officer of Miehle-Goss-Dexter, Inc. He will be responsible for all corporate financial and accounting policies and practices and will coordinate division accounting operations. He is treasurer of Goss Company, Div. of M-G-D.

**Virkotype Promotes Curtis**—Roy E. Curtis has been promoted to assistant sales manager for the Eastern states, according to a Virkotype Corporation announcement. Curtis will operate under the direction of L. J. Burillo, regional sales manager.

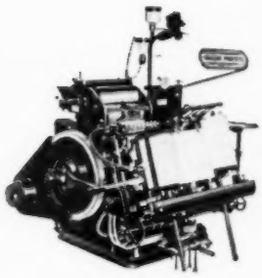
CURTIS

HAYES

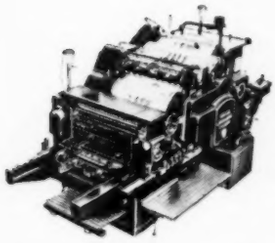
**Miehle New York Manager**—James H. Hayes has been appointed New York manager of Miehle Company, Div. of Miehle-Goss-Dexter, Inc. In his new position, Hayes will supervise sales activities in New York and in parts of New Jersey and Connecticut. He will continue to make his headquarters at M-G-D sales office in New York City.

*(Continued on Page 12)*

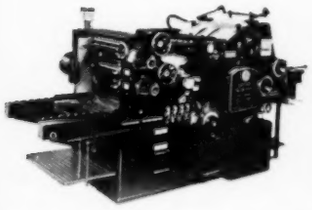
# Heidelberg



*automatic platens*
*10 x 15 — 13 x 18*



*single color job cylinders*
*15 x 20½ — 21 x 28*



*two-color, (rotary & flatbed)*
*15 x 20½ — 21 x 28*

**and now you get the second color profit on O. H. two-color presses**

"HEIDELBERG OWNERS GET THE EXTRA PROFITS!"

***For More Information Circle 86 on Reader Service Card***

# PERFECTION® PERFORATOR TAPE FOR TYPESETTING

**The dependable quality and performance of Perfection merits your Confidence. Constant Scientific Laboratory Control makes for Top Performance, always.**

**Here is the tape, developed through years of scientific research, that meets the need for dependable, uniform performance under the exacting conditions of modern communications systems. It is used by leaders of industry and business throughout the world because there is none better.**

*Write for booklet of information and samples*

**We are proud of the Confidence demonstrated by the acceptance of Perfection Products among our many customers throughout the world.**

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**PAPER MANUFACTURERS COMPANY**

PHILADELPHIA 15, PENNSYLVANIA

Sales Representatives:
ATLANTA • CHICAGO • CLEVELAND • DALLAS
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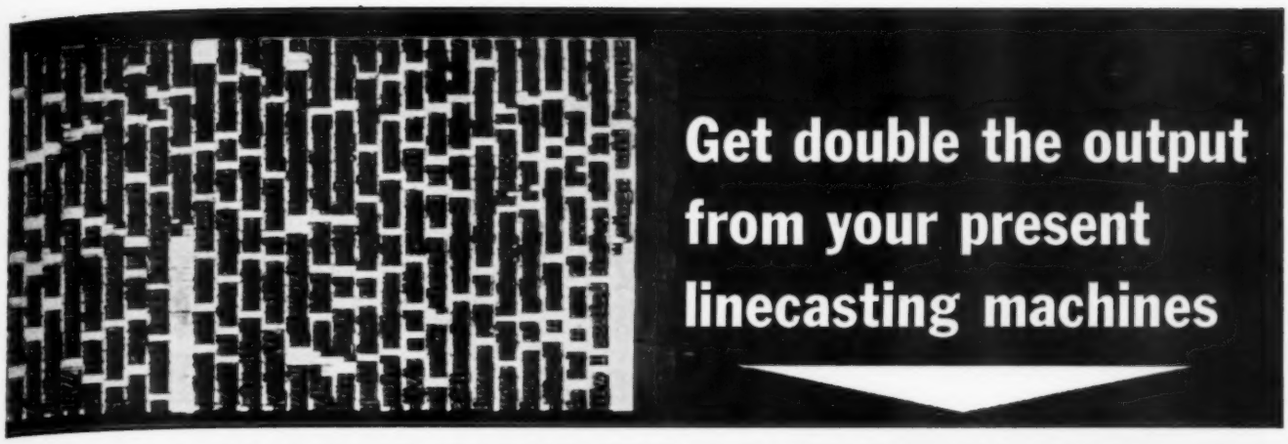
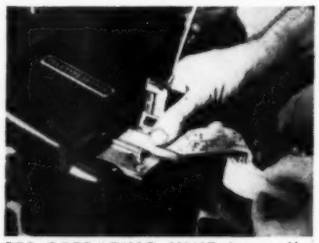
178 P

***For More Information Circle 143 on Reader Service Card***



**TTS PERFORATOR** has an easily mastered typewriter keyboard touch system. Experienced operators can tape-set 400 or more 12-pica lines or 250 24-pica lines per hour.



**TTS OPERATING UNIT** is easily attached beneath the linecasting machine keyboard; does not interfere with manual operation. It is mechanical and, therefore, easily maintained by your present personnel.

Operate your linecasting machines automatically with Fairchild Teletypesetter® and double their output – even triple it on high-speed machines – at no increase in operating cost. With TTS, your linecasting machines can be run continuously at the peak of their rated capacities. Work-load peaks and valleys are evened out, and overtime reduced, by eliminating stop-and-go manual operation.

**You save money** hour after hour in setting type for newspapers, text books, telephone and business directories, magazines, pencil imprints, pocket-size editions, legal briefs, Christmas card imprints, labels, personalized checks, voter lists, and many others.

**You save,** too, store easy-to-handle, inexpensive TTS perforated tape instead of tying up money in metal inventories. Perforated tape is "stored labor" – it can be used today – or tomorrow – over and over again for reruns. Get the facts about TTS. Mail coupon now for 24-page booklet "More Type in Less Time."

**FAIRCHILD** GRAPHIC EQUIPMENT
*Division of Fairchild Camera and Instrument Corp.*

**TELETYPESETTER**®

**District Offices: Eastchester, N. Y.; Atlanta, Ga.; Chicago, Ill.; Los Angeles, Calif.; Toronto, Ont.**

**Fairchild Graphic Equipment, Dept. 14**
**Fairchild Drive, Plainview, L. I., N. Y.**

**Please send me "More Type in Less Time."**

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2

1

**NOLAN HEAVY-DUTY STEREOSAW**

Powerful . . . smooth . . . low-cost operation! Large 28" x 36" table takes full page—performs all plate work quickly, accurately. Rugged 2 hp. motor, enclosed double V-belt drive, ball bearing saw mount, line-up gauges, chipguard, heavy base. Complete with four-wheel chip buggy.

2

**NOLAN HEAVY-DUTY MAKE-UP TRUCK**

Built to take the day-in, day-out punishment of the busiest paper — yet light enough to be easily handled. Precision flat ground 24" x 28½" top is mirror smooth for quick, accurate make-up. Adjustable height; reinforced frame and large 5" casters handle loads to 1200 lbs. Also available in double page and special sizes.

(For complete information on either or both of these quality NOLAN products, attach this portion of ad to your letterhead.)

☐ STEREOSAW ☐ MAKE-UP TRUCK

*Circle 197 on Reader Service Card*

## News Items

(Continued from Page 8)

**Jomac New York Representative**—Thomas H. O'Brien has been appointed New York sales representative by Jomac, Incorporated. O'Brien will make his headquarters at the Jomac office, 44 Cliff St., and will be responsible for sales of rubber rollers to printers and metal decorators. Formerly O'Brien was assistant foreman of the litho department of the Continental Can Co. plant in Passaic, N. J., and foreman of the Continental plant in Maspeth, L. I.

O'BRIEN

CONNELLY

**Reeves-Vulcan Representatives** — Thomas P. Connelly has been reassigned as sales representative in the Ohio-Michigan-Kentucky-Tennessee area for the Reeves-Vulcan line of Durofine and Duroflex offset blankets, manufactured by Vulcan Rubber Products, Div. Reeves Brothers, Inc. Formerly, Connelly represented the company in the Mid-Atlantic and Southeastern territories.

**General Binding Appointment**—The appointment of Hugo C. Stowasser to export sales manager has been announced by William N. Lane, president, General Binding Corp. Stowasser will supervise sales activities in the company's European, South American, and Canadian offices.

**Harvey Glover Dies**—Harvey Glover, past president of the Intl. Assoc. of Printing House Craftsmen and president for many years of Sweeney Lithograph Co, Belleville, N. J., passed away at his home, Nov. 20. Glover was a past president and honorary life member of the New York Craftsmen's Club.

**Intertype Appointments** — Lee L. Doll has been appointed manager of the Cleveland district office by Intertype Company, Div. Harris-Intertype Corporation. Other appointments made by the division are: Vincent B. Morrison, jr., sales representative in Northern Ohio, the area formerly served by Doll; and Robert M. Jones, sales representative in the Southwestern district office, representing the company in part of Los Angeles and in San Bernardino, Riverside and Clark Counties of California.

DOLL

MORRISON

JONES

**Diamond National Promotions**—Five men have been promoted by the United States Printing & Lithograph Div. of Diamond National Corp. Raymond P. Kane has been named vice president and general manager; John F. Perrin, vice president of manufacturing; William J. Koslo, vice president in charge of carton sales; Karl Detwiler, director of industrial relations; and Robert Barbarite, manager of the Mineola, L. I., N. Y., plant.

**Mellick Appointed to M-G-D Board**—Carlton Mellick, executive vice president of Miehle-Goss-Dexter, Inc., was recently named to the board of directors according to an announcement by J. E. Eddy, Board chairman.

**Sun Purchases Pittsburgh Ink Plant**—Sun Chemical Corp. has purchased the Steel City Printing Ink Co., Pittsburgh, as part of an expansion program carried on for the past year. The newly acquired plant will operate as a unit of General Printing Ink Co.-Midwest, under the supervision of division vice president, Weldon R. Coate. The Pittsburgh plant will be managed by its prior owner, Raymond H. Meister.

**Pacific Press Vice President**—Joseph A. Forbush has been named vice president and general manager of Pacific Press, Inc., Los Angeles. In addition to his new position, Forbush will continue in the post of vice president and general manager of Phillips and Van Orden Co., Pacific's San Francisco associate.

**Banthin Sales Agent**—Pittsburgh White Metal Co., Inc., has been appointed sales and service agent for the Lithomatic No. 20 offset press, made by Banthin Engineering Co. The company will represent Banthin in New York, New Jersey, Vermont, Massachusetts, Rhode Island, Maryland, Virginia, Delaware and Washington, D. C.

**ATF St. Louis Representatives**—Malcolm C Patrick and Walter Kulak have been appointed sales representatives for American Type Founders Co., Inc., in St. Louis, Mo. They will work under the general supervision of Henry Krumm.

**Standard Register Appointment**—Brayton H. Slade has been appointed assistant to Kenneth P. Morse, executive vice president and general manager of Standard Register Co.

**Wisconsin Distributor**—Printers Rule & Supply Co., Inc., has been named by Central Compounding Co., as exclusive distributor of that firm's line of printing ink additives in Wisconsin. The principal sales office of Printers Rule & Supply Co. is located in Milwaukee; a branch office is maintained in Appleton, Wis.

**Appointed Moreland President**—William F. Anglemoyer has been appointed president and elected a director of Moreland Corporation. He succeeds William J. Hunt, who has been named chairman of the board, a newly created post. Another recent Moreland appointment is that of Richard C. Wainright as secretary and director.

**Elected 3M Director**—C. P. Pesek has been elected to the board of directors and to the executive committee of Minnesota Mining & Mfg. Co. He is 3M vice president for engineering and staff manufacturing.

**Pintard Heads New Flint Plant** — The Flint Ink Corp has announced plans to establish a plant for manufacturing newspaper black and color ink in the metropolitan area of New York. Millard C. (Ted) Pintard has been appointed division vice president and will be in charge of the new unit, which is designed to supply the eastern Mid-Atlantic area with newspaper inks. Temporarily, Pintard will make his headquarters at the company office in the Chrysler Bldg., New York City.

PINTARD

SEAMANS

**Cottrell Creates New Post**—W. Henry Seamans has been promoted to the newly created post of chief engineer-letterpress by The Cottrell Company, a subsidiary of Harris-Intertype Corp. As head of letterpress engineering, Seamans will have responsibility for expanding programs in developmental work on high speed magazine presses.

**Smith Joins Photon**—W. W. Garth, jr., president of Photon, Incorporated, has announced the addition of Daniel F. Smith to the organization. Smith is to assist in the application of Photon products to the industry.

**GPI Texas Plant Site**—General Printing Ink Co., Div. Sun Chemical Corp. of New York, has purchased a 4½ acre plant site midway between Dallas and Fort Worth, Texas. When completed, the plant will be a unit of General Printing Ink Co.-Midwest, under supervision of Weldon R. Coate, divisional vice president. Local manager is Sid Rochelle.


AT LANCASTER (PA.) NEWSPAPERS—

**NOLAN CUTS REMELT TIME IN HALF . . . eliminates hand ladling of metal from pot to flat caster!**

This all-Nolan installation is speeding production — saving time for Lancaster Newspapers, publishers of 28-page average morning, evening and Sunday editions. Keeping pace with this busy schedule is all in the day's work for rugged NOLAN equipment — handling an average of 2½ tons of metal per shift, eliminating hand ladling — cutting over-all remelting time in half! We'll be happy to show you how NOLAN's "design for savings" can speed your production, too.

**LANCASTER NEWSPAPERS' NOLAN INSTALLATION** . . . 2-ton electric furnace with self-indicating thermostat and high limit temperature control, Meltevator automatic loader, twin-type ingot mold, under-mold dolly, full page SuperCaster, and full page matrix dryer. Insco pump on furnace feeds metal to caster through insulated spout.

**For Full Information on Any of These Quality NOLAN Products**

☐ Remelt Furnace ☐ SuperCaster ☐ Under-mold Dolly
☐ Twin-type Mold ☐ Meltevator Automatic Loader ☐ Matrix Dryer

NAME.....

COMPANY.....

ADDRESS.....

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NOLAN
*design for savings*

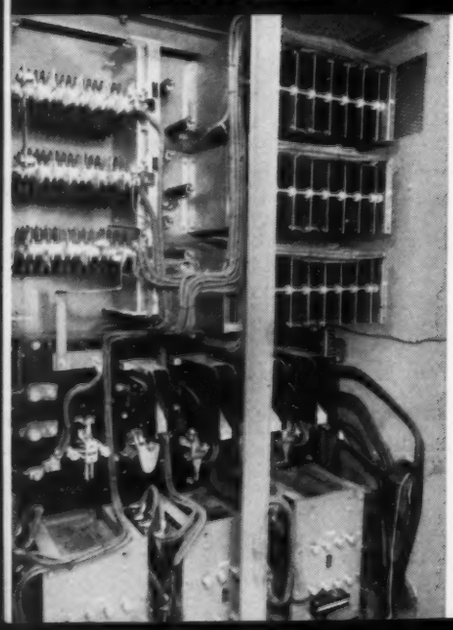
*For More Information Circle 214 on Reader Service Card*

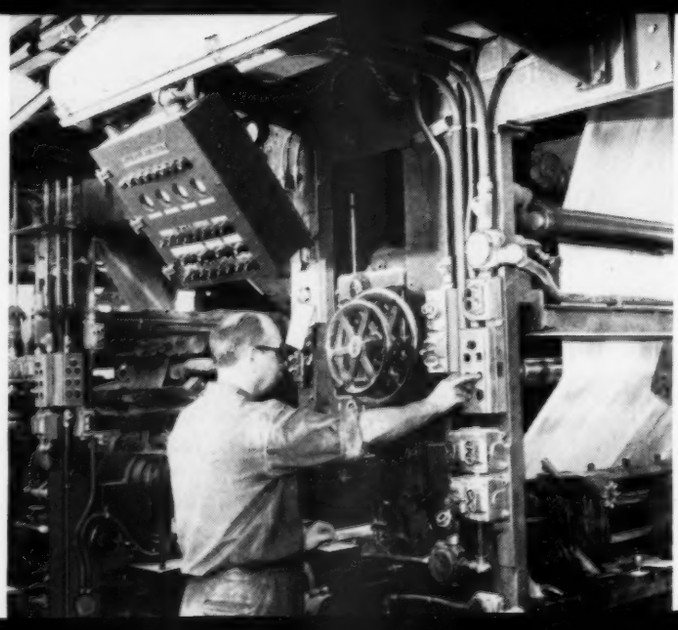
## . . . at Art Gravure Corporation
## Cleveland, Ohio

**1.** Heavy duty silicon rectifiers and reactors in the magnetic amplifiers provide static power conversion of the standard A-c plant power into adjustable voltage D-c. No forced ventilation required . . . no moving parts to replace or maintain.

**2.** The Webmaster's closed loop voltage regulation system maintains the precise press speed desired, automatically compensates for variations in load and plant power fluctuations.

**3.** Webmaster control units are complete factory-assembled and tested to insure trouble-free installation. Sturdy industrial control components are easily understood and serviced without special training.





A single 100 Hp D-c drive motor powers all seven press units . . . provide stepless acceleration from threading speed (5 RPM) to top speed (340 RPM) or 35,000 supplements per hour.

## Static-Powered D-c WEBMASTER® Group Drive brings precise

# STEPLESS SPEED CONTROL

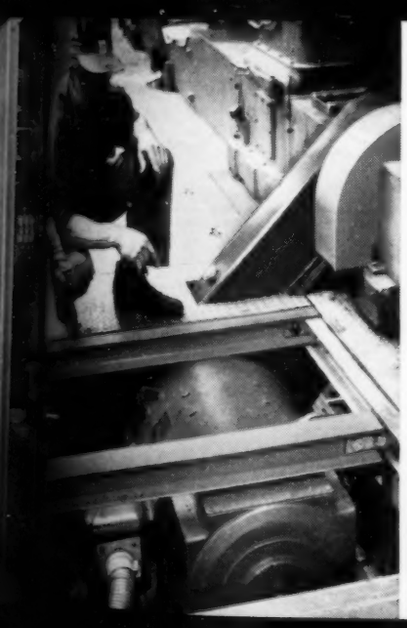
## to this new 70″ 7-unit Rotogravure Press

Here's important news about the latest advance in group press drives and control. Art Gravure, recognized for its high speed printing of multi-colored newspaper supplements, recently installed a new 70″ 7-unit double web-fed Rotogravure Press equipped with the new Cutler-Hammer *Static-Powered* D-c Webmaster Group Drive and Control, and its performance has been most remarkable.

The new D-c Webmaster Group Drive and Control is easier to install . . . costs less to install. Engineered to use the standard A-c plant power, static silicon rectifiers and reactors in the magnetic amplifiers produce the adjustable voltage D-c for the single 100 Hp drive motor. The threading motor, clutch and brake have been eliminated. There is no cumbersome motor-generator set to install . . . no moving parts to replace or maintain.

The Webmaster's closed loop voltage regulation system provides a steady press speed regardless of load-variations. This is the foundation for maintaining accurate registration. The extra-slow threading speed (5 RPM) cuts set-up time and effort. The mechanical superintendent reports he has been able to save 500 to 1,000 supplements from the scrap heap during set-up. Smooth, time-limit acceleration from threading to top speed (35,000 supplements per hour) maintains constant web tension without risking damaging over-currents.

**CUTLER·HAMMER**



**Cutler-Hammer Inc., Milwaukee, Wis.** • *Division:* **Airborne Instruments Laboratory.** • *Subsidiary:* **Cutler-Hammer International, C. A.**
*Associates:* Canadian Cutler-Hammer, Ltd.; Cutler-Hammer Mexicana, S. A.; Intercontinental Electronics Corporation.

CUTLER·HAMMER CONTROL C·H

*For detailed information on the Cutler-Hammer Webmaster Group Press Drive, write for Publication ED57-Y277. Cutler-Hammer Inc., Milwaukee 1, Wisconsin*

*For More Information Circle 47 on Reader Service Card*

# MEETINGS for the PRINTING INDUSTRY

**American Photoengravers Assoc.**—1960 Conv., Hotel Statler, Buffalo, N. Y., Oct. 9-12. Exec. Secy. Frank J. Schreiber, 166 W. Van Buren St., Chicago 4.

**ANPA Mechanical Conf.—1960 Conf., Hotel Americana, Miami, Fla., June 19-22. Mgr. Richard L. Lewis, ANPA Mechanical Dept., 750 Third Ave., New York 17, N. Y.**

**Book Manufacturers' Institute** — 1960 Conf., Boca Raton Hotel, Boca Raton, Fla., Oct. 19-22. Secy. Miss A. G. Watson, 25 W. 43rd St., New York 36, N. Y.

**Fifth District Craftsmen's Conf.—Secy.-Treas. George W. Thompson, Toledo Colortype Co., 1711 Jefferson Ave., Toledo, O.**

**Flexographic Technical Assoc.**—1960 Meeting, Palmer House, Chicago, Feb. 4-5. Exec. Secy. Julian Ross, 220 W. 42nd St., New York 36, N. Y.

**Graphic Arts Assoc. Executives**—1960 Convs., Spring Meeting, Chicago, Apr. 4-5; Fall Meeting, Washington, D. C., Oct. 21-22, Secy.-Treas. Thomas J. Curran, Exec. Secy., Label Mfrs. Natl. Assoc., Inc., 1025 Connecticut Ave., N.W., Washington 6, D. C.

**Gravure Technical Assoc.** — 1960 Conv., Hotel Commodore, New York, N. Y., Mar. 2-4. Exec. Secy. Edward S. St. John, Room 4800, 30 Rockefeller Plaza, New York 20.

**Great Lakes Mechanical Conf.**—1960 Conf., Hotel Schroeder, Milwaukee, Wis., Jan. 17-19. Secy.-Treas. Don Clark, Stereotype Supt., Grand Rapids (Mich.) *Press.*

**Illinois Newspaper Mechanical Conf.**—Secy.-Treas. Arthur Kramer, Joliet (Ill.) *Herald-News.*

**Intl. Assoc. of Electrotypers & Stereotypers, Inc.**—1960 Conv., Continental-Hilton Hotel, Mexico City, Mexico, Oct. 23-26. Exec. Secy. Floyd C. Larson, 758 Leader Bldg., Cleveland 14, Ohio.

**Intl. Assoc. of Printing House Craftsmen**—1960 Conv., Hotel Biltmore, Atlanta, Ga., Aug. 7-10. Exec. Secy. Pearl E. Oldt, 411 Oak St., Cincinnati 19, O.

**Intl. Graphic Arts Education Assoc.** — 1960 Conf., University of Houston, Houston, Aug. 18-23. Exec. Secy. Samuel M. Burt, 5728 Connecticut Ave., N.W., Washington 15, D. C.

**Intl. Printers Supply Salesmen's Guild**—Secy. Charles S. Tompkins, Tompkins Printing Equipment Co., 1040 W. Grand Blvd., Detroit 8.

**Intl. Typographic Composition Assoc.**—1960 Conv., Hotel Statler Hilton, Dallas, Oct. 19-22. Exec. Secy. McKinley M. Luther, Washington Bldg., 15th St. and New York Ave., N.W., Washington 5, D. C.

**Iowa Newspaper Mechanical Conf.**—1960 Conf., Hotel Fort Des Moines, Des Moines, Iowa, Apr. 9-10. Secy.-Treas. Paul F. Kamler, Mechanical Supt., Clinton, (Ia.) *Herald.*

**Kansas-Missouri Newspaper Mechanical Conf.—Kansas Gen. Mgr., Larry Miller, Kansas Press Assoc., 701 Jackson St., Topeka, Kans. Missouri Secy-Treas. William A. Bray, Missouri Press Assoc., 115 Walter Williams Hall, Columbia, Mo.**

**Lithographers and Printers National Assoc.**—1960 Conv., Hotel Boca Raton, Boca Raton, Fla., Apr. 25-28. Exec. Dir. Oscar Whitehouse, 1025 Connecticut Ave., N.W., Washington 6, D. C.

**Mid-Atlantic Newspaper Mechanical Conf.**—1960 Conf., Bellevue-Stratford Hotel, Philadelphia, Pa., Mar. 17-19. Gen. Mgr. G. Richard Dew, 2717 N. Front St., Harrisburg, Pa.

**National Assoc. of Litho Clubs, Inc.**—1960 Conv., Hotel Statler Hilton, Boston, Mass., May 19-21. Exec. Secy. Raymond E. Geegh, 1915-33rd St., S. E., Washington 20, D. C.

**National Assoc. of Photo-Lithographers**—1960 Conv., Conrad Hilton Hotel, Chicago, Oct. 5-8. Exec. Dir. Walter E. Soderstrom, 317 W. 45th St., New York 36, N. Y.

**National Paper Trade Assoc.**—1960 Conf., Hotel Waldorf Astoria, New York, N. Y., March 27-30. Exec. Secy. O. Glenn Leach, 220 E. 42nd St., New York 17, N. Y.

(*Continued on Page 22*)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**CONTROLLED HUMIDITY**

**with low-cost WATER or STEAM**

Bahnson UNIT HUMIDIFIERS

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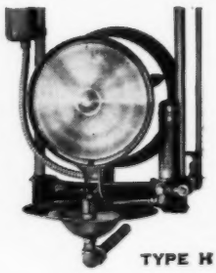
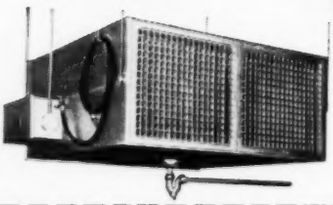


TYPE H



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Bahnson's Fully Guaranteed Units Give Extra Production Savings by Reducing Static, Register Problems, Dimensional Changes in Stock.

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- Automatic controls • Quickly installed from ceilings or on walls
- 14 units in various sizes and capacities for your needs, any size area.

FREE BOOKLET

Detailed information with answers to humidity problems in printing . . . tells you how to cut waste, insure quality. Just clip coupon to letterhead and mail today!

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*For More Information Circle 215 on Reader Service Card*




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## LOOKING FOR

## IN LETTERPRESS INKS?

Speed King's 18 easy-to-mix colors and black are all you need for fast, high quality color work. Packed in 1 and 5 lb. cans, ready to run on any job in the shop. Ask your IPI man for a Speed King color card . . . it tells the whole story!

IPI, IC and Speed King are trademarks of Interchemical Corporation.

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**FROM PAPER ROLL TO COMPLETED PRODUCT IN ONE HIGH-SPEED OPERATION**

That's the New Era Press! It prints any number of colors on one or both sides of the web at the same time, die-cuts any shape or size, slits, punches, perforates, numbers and delivers the finished job—either cut off, rewound or folded—at the end of one run by one pressman. The New Era Bulletin also shows how the New Era Press handles bag headers, tickets, specialties. Write on your company letterhead now for your free copy of the New Era Bulletin.

**Also produces Bag Headers, Specialties, Tickets, many other products**

**MANUFACTURING CO., BOX #400, DEPT. PP.12, HAWTHORNE, N. J.**

Manufacturer of the finest printing presses for more than 59 years

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# *Keeping up with the Times*

## Tomorrow we'll fly "AIR-CARS". Today and tomorrow we etch engravings with IMPERIAL Quality Zincs

Our Armed Forces have them—now they are working on "Air-Cars" for everyone. And so are we at Imperial constantly working to give you best in Engraving Zinc Alloys. That is why today we have Imperial Vitaplate—with VitasolV—Duraplate and Regular Zincs—the best—to satisfy the etchers every requirement.

Printed from Vitaplate zinc plates, etched with VitasolV.

Imperial's Quality and Services are beyond duplication.

Imperial

**Imperial Type Metal Company**

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# The largest printer in Canada reports—

Running at speeds to 5,000 impressions per hour this printer* reports his *Daycollan* letterpress rollers have already run 2½ million impressions without sign of deterioration.

The *Daycollan* rollers have been in service since July 18, 1958, running two shifts and using a wide variety of inks, gloss, metallic, etc; and yet, these amazing rollers still retain excellent tack . . . have never varied in shape or diameter.

*Daycollan* is an exclusive new synthetic material developed in the research laboratories of the Dayton Rubber Company. This unusual material is highly resistant to abrasion and wear from rules and leaders. Its non-porous surface makes washups a simple, single wipe with inexpensive kerosene solutions. It is unaffected by extremes of heat and cold . . . temperature or humidity. Its easy-to-clean, smooth surface offers complete freedom from bleed back even when changing from black to yellow.

*Daycollan* rollers can cut your cost of roller consumption 50 to 75%, can eliminate wasted time in wash up, will give you excellent tack and retain their perfect shape even after long, hard runs and hundreds of wash ups. Completely field tested, *Daycollan*

rollers are now available in most popular press sizes.

Judge for yourself—compare *Daycollan* with anything you now use! For a booklet fully describing *Daycollan* and illustrating the amazingly fine reproduction *Daycollan* rollers deliver, *regardless of type of stock*, use the reader service card or write:

* Name and verbatim testimonial supplied on request

*Dayco Department*

# Dayton Industrial Products Co.

*Melrose Park, Illinois* — *A Division of The Dayton Rubber Company*

**In Canada:** The Dayton Rubber Company, Ltd., Toronto

**West Coast Distributors:** Farwest Ink Co., Seattle, Washington; Albert Ladymon, Dallas, Texas; Walter W. Lawrence Co., Inc., Los Angeles; George W. Shively Co., San Francisco

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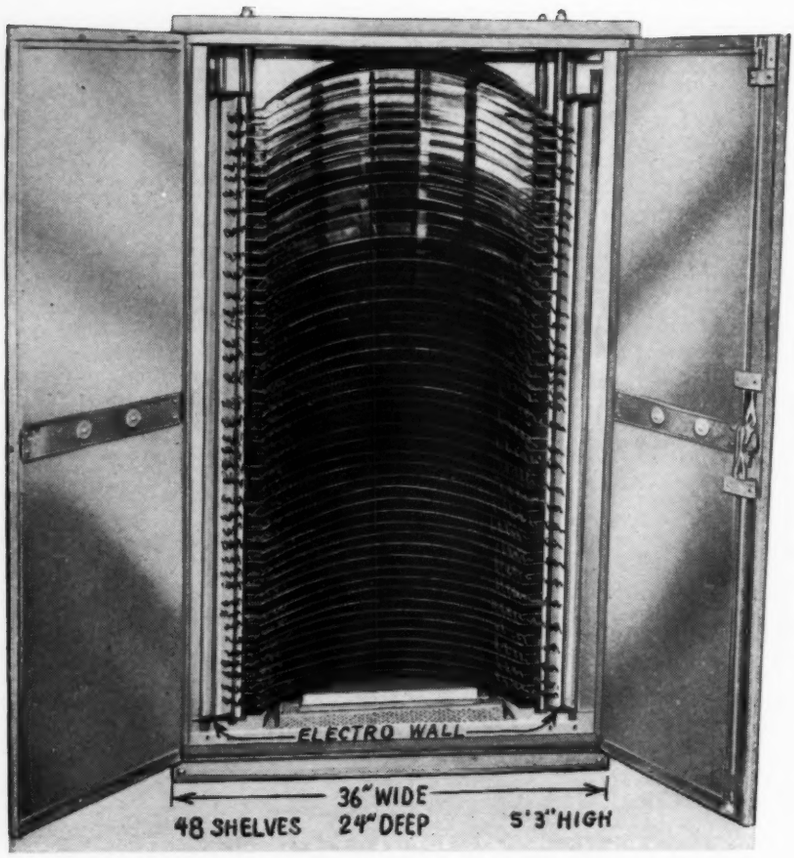
***THERE'S A DAYCO ROLLER FOR EVERY PRINTING NEED!***

***For More Information Circle 48 on Reader Service Card***




# ELECTRO WALL

## *Stereotype*

## MATRIX STORAGE CABINET

***This cabinet has been designed for storage of page, color and black and white mats at casting temperature.***

***Exclusive "Electro Heat", covering two entire wall surfaces, insures heat circulation between mats, and keeps mats conditioned for recasting.***

***48 Separate shelves allow storage of 240 mats at one time.***

***Completely insulated, with cabinet type doors. Uniform temperature is controlled by a thermostat.***

***Sliding shelves allow storage of No Pack Mats, without curling.***

**PRICE $850.00 F.O.B. LYNNFIELD, MASS.**

# A.P.S. Inc.

**AMERICAN PUBLISHERS SUPPLY INC. P. O. BOX 421 LYNNFIELD, MASS.**

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## Meeting Dates

(Continued from Page 16)

**National Printing Equipment Assoc., Inc.**—Secy. James E. Bennet, 140 Nassau St., New York 38, N. Y.

**National Safety Council Printing and Publishing Section**—1960 Meeting, Nov. 17-21. Staff Rep. Harry C. Johnson, National Safety Council, 425 N. Michigan Ave., Chicago 11.

**New England Composing Room Executives Assoc**—1960 Conf., Taunton Inn, Taunton, Mass., May 1960. Secy. Lewis R. Greene, Westerly (R. I.) *Sun.*

**New England Newspaper Mechanical Conf.**—1960 Conf., Hotel Statler-Hilton, Boston, Oct. 15-16. Secy.-Treas. Walter C. Crighton, New London (Conn.) *Day.*

**New York State Capital District Mechanical Conf.**—1960 Conf., Hotel Sheraton Ten-Eyck, Albany, N. Y., May 14-15. Conf. Dir. Floyd Laurenty, Albany (N. Y.) *Times-Union.*

**Northwest Mechanical Conf.**—1960 Conf., Hotel Leamington, Minneapolis, Feb. 27-29. Secy.-Treas. Ralph N. Carson, Dunwoody Industrial Institute, 818 Wayzata Blvd., Minneapolis, Minn.

**Pacific Newspaper Mechanical Conf.**—1960 Conf., Multnomah Hotel, Portland, Ore., Sept. 23-25. Secy. Donald Newhouse, Portland (Ore.) *Oregonian.*

**Packaging Institute Assoc.**—1960 Meeting, Hotel Statler, New York, N. Y., Oct. 31-Nov. 2. Exec. Dir. Chas. A. Feld, 342 Madison Ave., New York 17, N. Y.

**Printing Industry of America**—1960 Conv., Hotel Sheraton Park, Washington, D. C., Oct. 24-27. Gen. Mgr. Bernard Taymans, 5728 Connecticut Ave. N. W., Washington 15, D. C.

**Research and Engineering Council**—1960 Conf., Hotel Dayton-Biltmore, Dayton, O., May 23-25. Managing Dir. Robert E. Rossell, 5728 Connecticut Ave. N.W., Washington 15, D.C.

**Screen Process Printing Assoc., Intl.**—1960 Conv., Hotel Sherman, Chicago, Nov. 11-13. Exec. Secy. Robert H. Blundred, 549 W. Randolph St., Chicago 6.

**SNPA (Eastern Div.) Mechanical Conf.**—1960 Conf., Hotel Dinkler-Tutwiler, Birmingham, Ala., Aug. 14-16. Secy. Walter C. Johnson, jr., P. O. Box 1569, Chattanooga 1, Tenn.

**SNPA (Western Div.) Mechanical Conf.**—1960 Conference, Hotel Marion, Little Rock, Ark., Mar. 6-8. Secy. Claude V. Capers, P. O. Box 1569, Chattanooga 1, Tenn.

**Southern Graphic Arts Assoc.**—1960 Conv., Hotel Eola, Natchez, Miss., Apr. 21-23. Secy. Charles E. Kennedy, 1514 South St., Nashville 2, Tenn.

**Technical Assoc. of the Graphic Arts**—1960 Conf., Hotel Park-Sheraton, Washington, D. C., June 20-22. Secy.-Treas. Cyril A. Horton, Research Laboratories, Eastman Kodak Co., Rochester 4, N. Y.

Delivery end of Hantscho Web Offset Press. Early editions, being examined at Poole Bros. plant. From left to right, Chas. Wene, V.P. Reliable Paper Co., Howard Fiedler, V.P., Poole Bros., Wm. Wade, Exec. V.P. and Emil G. Stanley, Pres. Stanley Publishing Co., M. H. Motschman, Pres. Reliable Paper Co., John F. King, International Paper Co.

# STANLEY PUBLISHING COMPANY CONVERTS FROM LETTERPRESS TO WEB OFFSET

**Seven books, with circulations ranging from 15 to 50 thousand, total circulation over 400,000 now printed on HANTSCHO Web Offset Press . . .**

Beginning with the June issue, all of the seven STANLEY publications are being printed offset instead of letterpress at the Poole Brothers, Inc. Chicago plant

Emil G. Stanley, president and publisher of the Stanley Publishing Company says: ***"This conversion from letterpress to offset is something we have talked about for a long time. Now, it is an actuality".***

As a result of the change-over, many advantages in printing are anticipated including increased production and greater economy of operation. If *you* would like to make a similar comparison of your printing methods, let us send you data on a Hantscho press, custom-built to serve your needs. Send for literature describing Hantscho Web Offset Presses.

**GEORGE Hantscho CO., INC.**

602 South 3rd Avenue • Mount Vernon, New York • Teletype: TWX-MT V NY2193
Midwest Representative: 153 W. Huron St., Chicago 10, Ill. • Teletype: TWX CG1486

*For More Information Circle 81 on Reader Service Card*

# For MODERN economy use today's LEADERS!

## 8 NEW ANCHOR SPRAYS

***Here are the wonderful new push-button aerosols everyone's talking about! Ask your dealer for these time-saving, easy to use products today!***

**REPELZIT** — Modern mold-release spray for lino metal — stereo, vinyl and rubber plates. Stops sticking and build-up of adhesives, ink, etc. on press and folder. Allows fast wet back-up.

**JET-GREASE** — No-drip lubricant for bearings, cams, gears, shafts, slides. Reaches hard-to-get-at places.

**EX-STATIC** — Static Eliminator—works like magic. Spray away static and costly delays! Greaseless—Non-Inflammable.

**INKOTE** — Prevents ink from skinning. Eliminates extra washups! Just spray on —the sure, easy way to prevent skinning of ink in fountain or can.

**ANCHOR-IT** — Spray it to stick it! Pressure sensitive adhesive. Holds plates, rubber dies, labels, artwork.

**CANS AQUA** — Cleans hands REALLY CLEAN anywhere, anytime. Ink, dye, grease, dirt, disappear — leaves hands smooth! Contains bacteria-killing hexachlorophene.

**FILM-KLEEN** — Film and glass cleaner! Whisks away finger marks, dirt, grease, lint! Replaces toxic, dangerous benzol. Eliminates static.

**ROBINOL** — Powerful non-inflammable cleaner of 1001 uses! Replaces deadly carbon tetrachloride. Safe for mats, magazines, motors, glass, film etc.

**ANCHOR TYPEWASH**
*For all metals, type, fountains, etc.*
Makes 'em gleam like new! Dissolves toughest hard dried ink. Non-toxic.

**SOLVENT #95**
*Plate & type cleaner*
Non-inflammable. Powerful cleaner that meets all fire and insurance requirements.

**ALED PLATE WASH**
*(Die Wash)*
Won't swell, pit or harm plastic, rubber, nylon, vinyl, etc. Least effect on "sticky-back". Permits complete adhesion of silver spray for perfect electros. Non-toxic.

**SOLV-A-TON RxA**
*Extra strong ink & paint remover*
Non-toxic. No more scrubbing that damages halftones. Cleans hard dried metallic ink, oil encrusted inks from plates, fountains, ink knives, etc. without effort . . . where ordinary solvents fail.

**WASH R228** (with Resilium)
*For rollers and blankets*
One step ink glaze remover. Revitalizes — restores resiliency to rubber. Use nightly for thorough deep-down cleaning; and for color changes. Non-toxic. U/L listed.

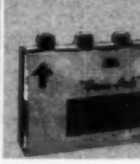
**RONOLENE**
*For litho and duplicator blankets and rollers*
Super powered solvent—conditions as it cleans. Dries fast, leaves no oily residue. Safe, non-toxic. U/L listed.

**PRESSOLV**
*Economy press wash*
Cheap enough to use everyday, good enough to use on your finest equipment with complete confidence. U/L listed.

**D. R. D.**
*Graphic arts detergent*
Concentrated detergent for all graphic arts departments. Converts water into a powerful degreaser.

**ROBINOL**
*Powerful non-inflammable cleaner of 1001 uses!*
Replaces deadly carbon tetrachloride. Safe for mats, magazines, motors, glass, film etc.

**VELVEE**
*Gum glaze remover*
Rejuvenates rubber. Restores life and tack to all rollers and blankets.




**PAM-X**
*Concentrated cold padding glue*
No heating. Thin it as desired. Rainbow of colors. Flexible — ideal for pads, books, forms, etc.

**ANCHOROIL**
*Dripless oil for all graphic arts equipment*
Clings to metal—reduces wear —outlasts ordinary oil 3 to 1.

**NON-WORK-UP-FLUID**
*Prevents work-ups*
Easy, foolproof work-up eliminator! Just brush it on . . . no more work-ups! Washes away completely when no longer needed!

**CLEANER Nº 909**
*For numbering machines, patent base, hooks and loops*
Stops sticking, skipping, jumping. Lubricates. No need to take machines apart. Non-damaging.

**ANCHOR CHEMICAL CO., INC.**
"SOLUTIONS FOR GRAPHIC ARTS PROBLEMS"
BROOKLYN 38, N. Y.

© 1959 Anchor Chemical Corp.

SYMBOL OF INTEGRITY

***Anchor's complete line comprises:***
**Drums—30 and 55 gallon**
**Cans—quart, gallon and 5 gallon**
**Glass Jars—quart and gallon and Giant Aerosol Cans**

*CLIP AND ATTACH TO YOUR LETTERHEAD*

☐ Tell me more about_____

☐ Send on Money Back Guarantee thru nearest dealer_____

Attention of_____

***For More Information Circle 224 on Reader Service Card***

# WHEN YOU'RE IN THE MARKET FOR QUALITY EQUIPMENT SPECIFY HOE!

**Products manufactured by HOE PRESS DIVISION**

COLORMATIC* and
Color-Convertible newspaper presses for metropolitan newspapers.
Multi-color web offset presses (Aller Satellite Design), which provide a new high quality in multi-color web offset reproduction for newspaper supplements and periodical work.
Printmaster presses, double and single width, for medium-circulation daily and weekly newspapers.
Rotogravure presses for multi-color newspaper supplements, comic and magazine sections, and volume monotone runs.
Magazine presses for top quality volume runs in up to five and six colors.
Sheet-fed and web-fed offset presses for high quality printing.
Metal decorating presses for color lithography on bottle crowns, cans, pails, drums and other containers.
Full automatic reel, tension and full-speed web-splicing mechanisms.

**Products manufactured by M.A.N.**

Plate casting machines.
Multopress automatic hydraulic matrix presses.
Web offset presses.
Rotogravure presses (narrow width).
Letterpress magazine and book presses.
Plate shaving, routing and trimming machines.

**Products manufactured by De La RUE & CO., LIMITED**

Intaglio presses for currency printing.

**Products manufactured by HOE SAW DIVISION**

Solid- and chisel-tooth circular saws and parts.
Band saws for wood and metal cutting.
Carbide-tipped saws and tools.
Cutter heads and machine knives.
Hand and rotary saw sharpeners.
Grinding wheels, all standard sizes and grains.
Files and hacksaws.

**Products designed and manufactured by HOE INDUSTRIAL DIVISION**

Design and manufacture of machines for any purpose, particularly those requiring advanced engineering and precision workmanship.
Ordnance work, both design and manufacture. Hoe has been a prime or sub-contractor on ordnance items since 1847.
Precision machine tools — produced to close tolerances and exact alignments, to customer specifications.
Aircraft jigs and fixtures and parts.

**Products designed and manufactured by HOE FOUNDRY DIVISION**

Gray iron castings up to 40,000 lbs.
Weldments.
Heavy machining.

* TRADEMARK

**R. HOE & CO., INC.**

**910 East 138th Street • New York 54, N. Y.**

**PLANTS:** New York, N. Y.; Dunellen, N. J.; Portland, Ore.; Seattle, Wash.; Birmingham, Ala.; High Point, N. C.

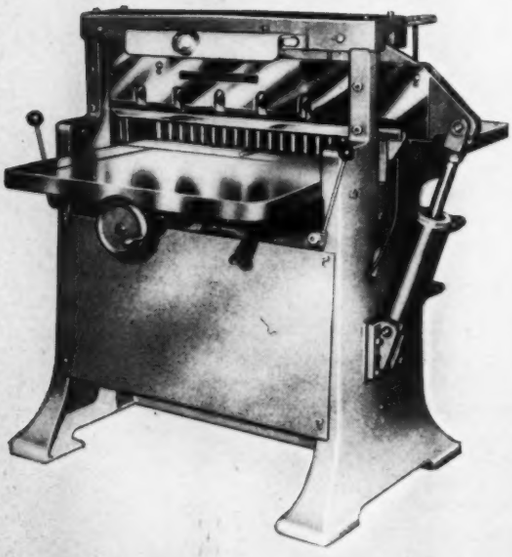
**BRANCH OFFICES:** Boston, Chicago, Dallas, Memphis, Miami, San Francisco

**LATIN AMERICAN AGENTS:** A. M. Carneiro & Co., New York, Rio de Janeiro, Buenos Aires, Havana

# HERE'S THE LATES

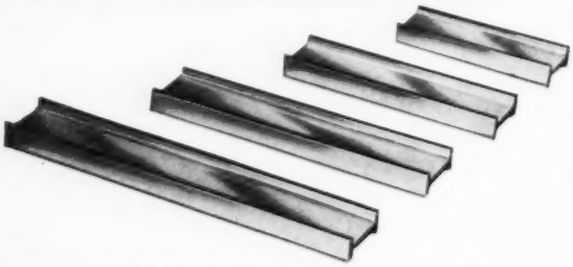
**NEW 37" PAPER CUTTER**
**with Automatic Spacer and Power Back Gage**

Now . . . this popular American-built cutter is available with these time-saving automatic features . . . and at very moderate cost.



**NEW IMPROVED 26½" and 30½" POWER CUTTERS**
**For small shop needs.**

New streamlined Challenge Power Cutters with clamping cylinder below table level . . . double pull-down of clamp . . . many other features.

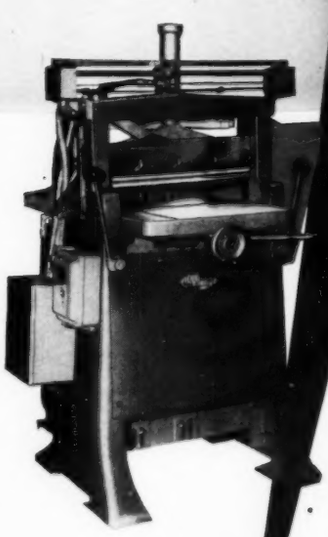


**New Light-Weight Magnesium Furniture**

Lightest, lowest-cost metal furniture available today! Accurate, tough, stands strain of tight locking. Easier, faster to handle. Wide range of sizes.

**NEW 19"**
**POWER CUTTER**
**with Automatic Spacer and Power Back Gage**

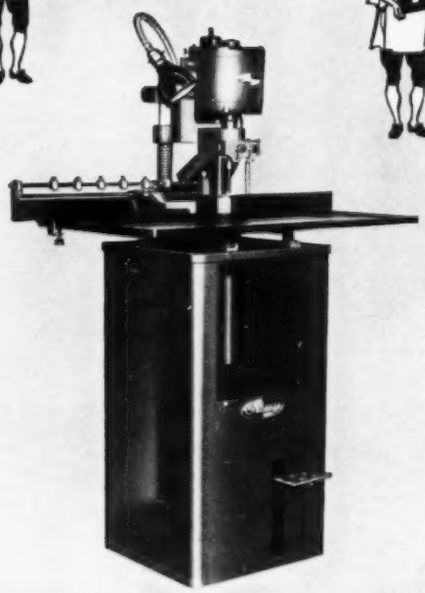
For the first time . . . a small, low-cost power paper cutter with these features. Takes sheets up to 19 inches wide.



# CHALLENGE®

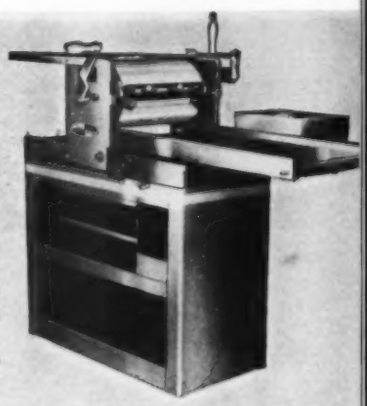
## TIME SAVING . . . COST CUTTING . . . PROFIT PRODUCING

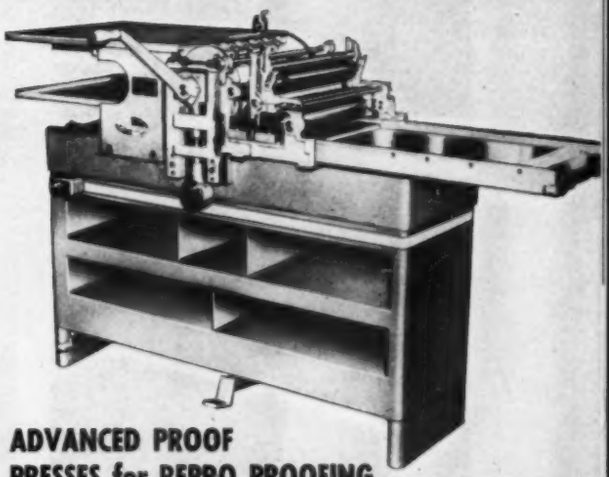
## EQUIPMENT FOR YOUR OPERATIONS



**New Low-Cost**
**PROOF PRESS**
**with Grippers**

Precision-built unit; takes forms 13½"x 23½". Has impression trip, feed board, and packed cylinder. Many features for better quality proofs.





**ADVANCED MODEL PAPER DRILL**

For versatile, high production drilling, Challenge shows this EKH Model with power operation of drilling head. Also drills and slits or slots in one operation. Handles Kalamazoo or special cut-outs.

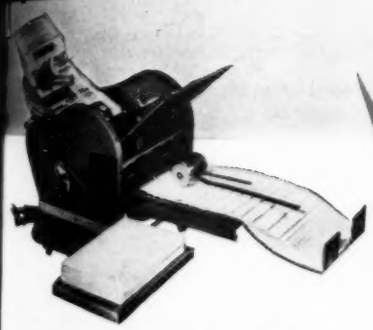
**NEW LOW-PRICED PAPER DRILLS**

For intermittent drilling needs... new, low-cost Challenge-Climax CA and CF Models. Drill, slit, slot and corner.

**ADVANCED PROOF PRESSES for REPRO PROOFING**

Like this 20GP, six different models of "repro" proof presses are available at moderate cost. Take 23" galley; offer power inking, automatic impression trip and other features.

**FOLD IT!**



**New 17 x 22 FOLD-MASTER**
**Automatic Folding Machine**

New, low cost, portable folder handles single and double parallel folds on sheets up to 17 x 22 at up to 9,000 per hour. Also 9 x 18½ models available.

**BETTER...FASTER EASIER!**

Challenge

CH-112

## See your local authorized CHALLENGE PRINTING EQUIPMENT DEALER

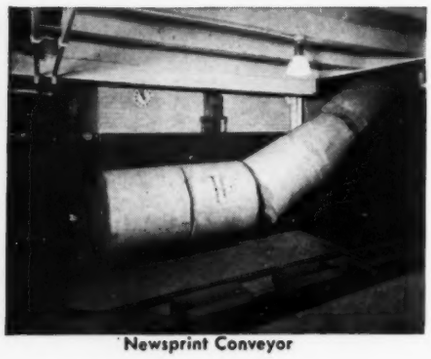
**These are just a few of the many Challenge models available to meet your needs.**

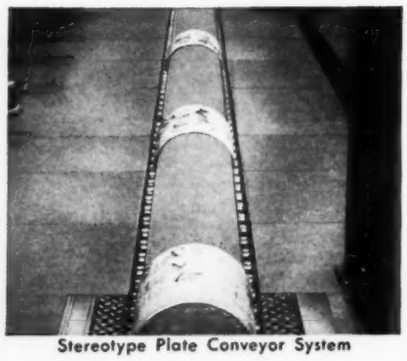
**For full information, see your local Challenge Dealer or write . . .**

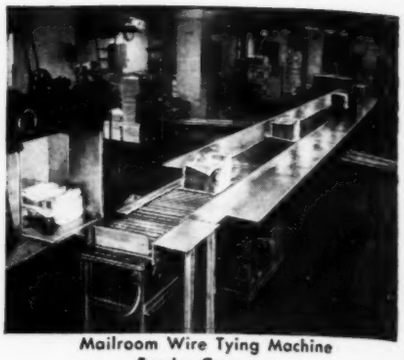
**THE CHALLENGE MACHINERY COMPANY**
**GRAND HAVEN, MICHIGAN**

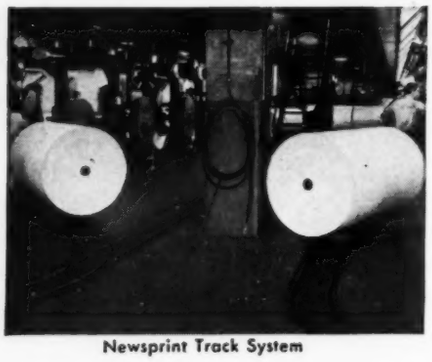
*For More Information Circle 39 on Reader Service Card*

# Got a handling Problem?


Newsprint Conveyor

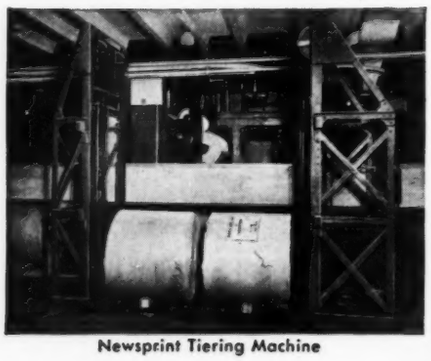

Stereotype Plate Conveyor System


Mailroom Wire Tying Machine Feeder Conveyor


Newsprint Track System

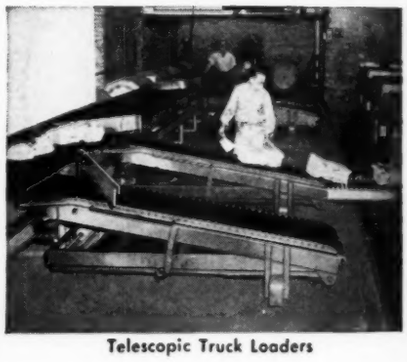
● There is no one stock answer to every handling problem imposed by modern newspaper plant operation. That is why JAMPOL, with more than 30 years specialized experience in servicing this important field, can be of such practical value in designing the handling system and equipment that will increase your plant's efficiency . . . make substantial savings in your operational costs . . . and reduce production delays to a minimum.

Milwaukee Journal Pusher Mechanism


Newsprint Tiering Machine

We will be glad to discuss the application of **JAMPOL METHODS & EQUIPMENT** to your problem.

Non-slip Press Floor


Telescopic Truck Loaders

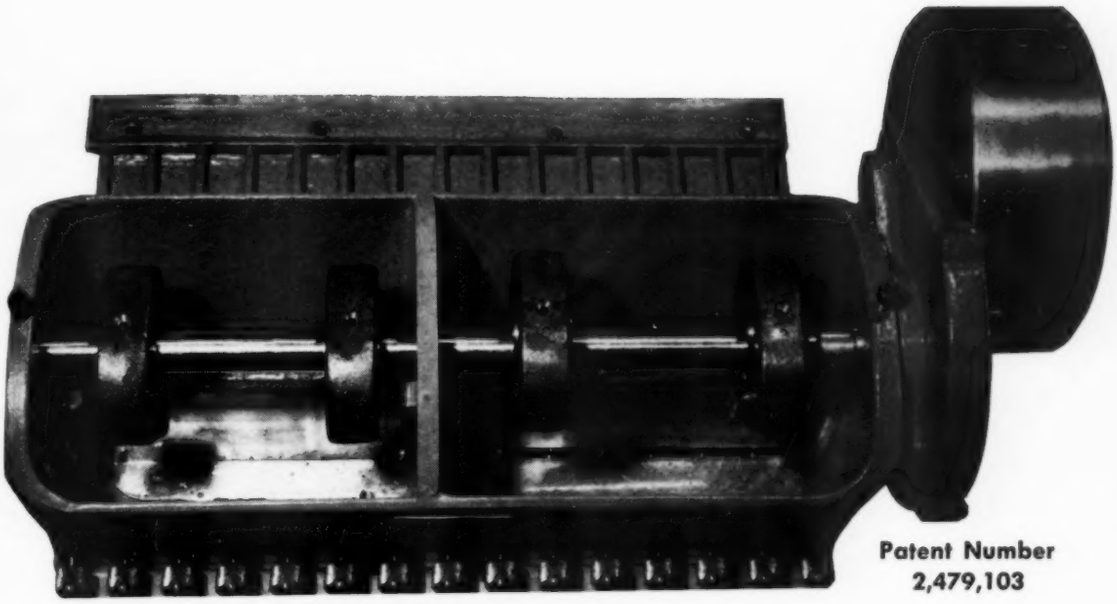
- Stereotype Plate Pneumatic Drops
- Stereotype Plate Electric Elevators
- Stereotype Plate Pressroom Conveyors
- Newsprint Chutes
- Newsprint Elevators
- Newsprint Pneumatic Drops
- Newsprint Conveyors
- Newsprint Track Systems
- Newsprint Transfer Tables
- Newsprint Dollies
- Mailroom Loose Stack Conveyors
- Mailroom Bundle Conveyors
- Mailroom Tables
- Mailroom Bundle Spiral Chutes
- Mailroom Wire Tying Machine Feeder Conveyors
- Mailroom Pushers (Milwaukee Journal Feeder Mechanism)
- Telescopic Truck Loaders
- Press Floors
- Composing Room Copy Conveyors
- Composing Room Mat & Cut Conveyors
- Proof Room Copy Conveyors

## the Jampol Company, inc.

**GENERAL OFFICE AND FACTORY: 728 — 61st STREET • BROOKLYN 20, NEW YORK**

*For More Information Circle 192 on Reader Service Card*

# NOW! Two colors on one page with the CAPCO divided fountains.



Patent Number
2,479,103

**With the CAPCO divided fountain either one or two colors may be used on the same page. Eight colors can be run by using four CAPCO divided fountains on one cylinder.**

**Special fountains made to order. Write now for further information.**

***Manufactured by the***

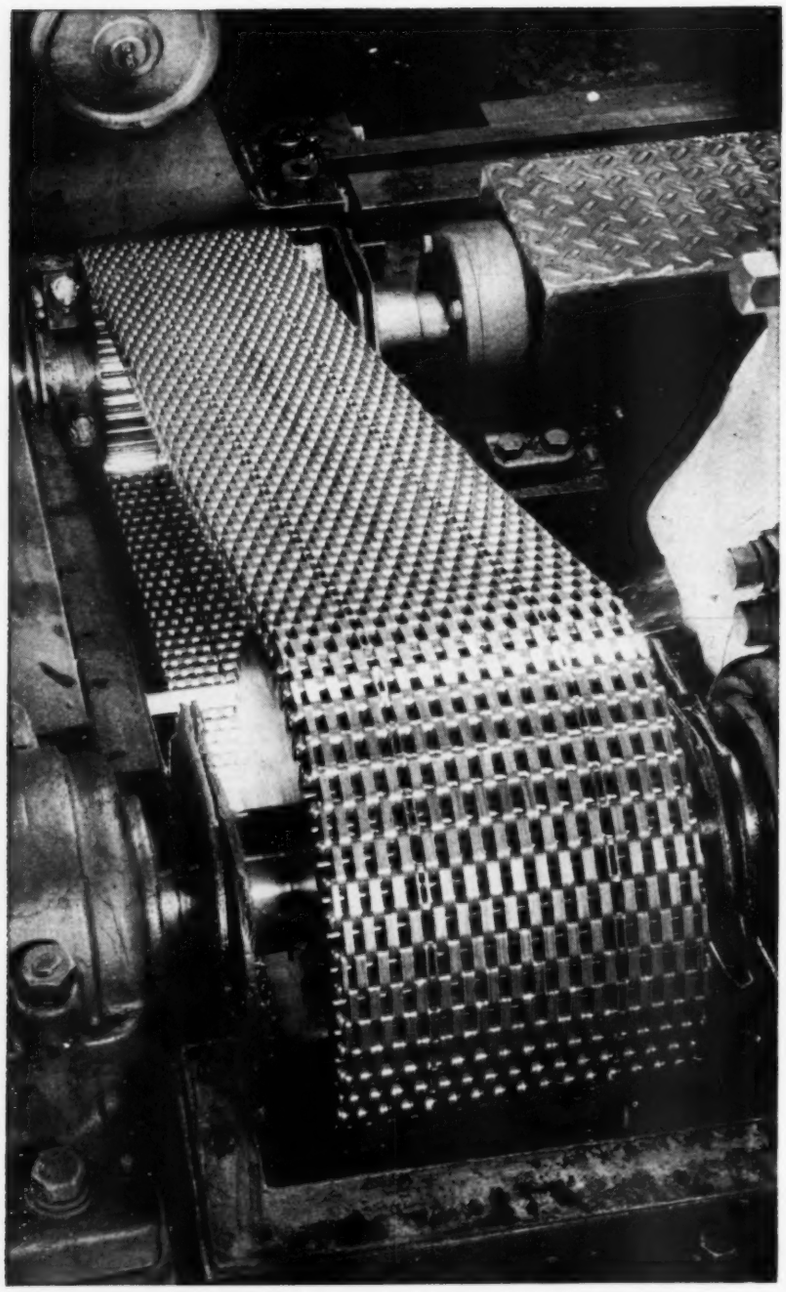
## CAPITAL TOOL & MANUFACTURING COMPANY

**5000 Calvert Road** **UNion 4-7677** **College Park, Maryland**

*For More Information Circle 28 on Reader Service Card*

- **Positive power transmission**
- **Minimum maintenance**
- **Lower ultimate cost**

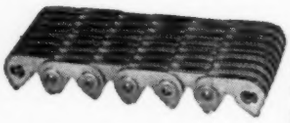
# All yours with



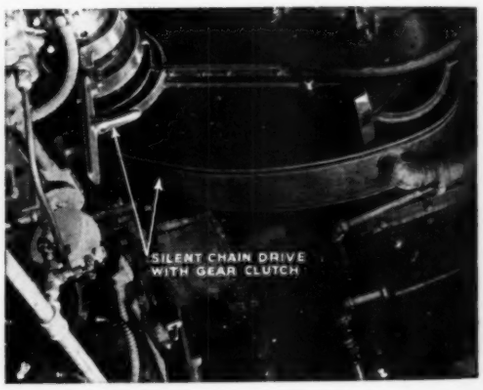
**FIVE-COLOR PRESSES** at this plant maintain precise register at 15,000 impressions per hour. As on the majority of the country's high-production presses, Link-Belt silent chain drives are used.

## Silent Chain

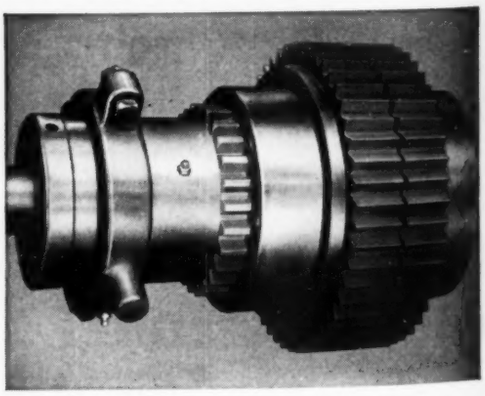
### assures precise register... slip-proof performance on high-speed press drives



Here's chain that's specially designed to take repeated high impact loads in stride. Heavy-duty Link-Belt silent chain is slip-proof, shock-proof . . . assures smooth, *positive* press operation. These rugged drives meet every demand of high-speed, high-hp presses—commonly provide trouble-free performance for 25 or 30 years. Tooth-to-tooth action maintains exact ratios and peak efficiency (over 98%). For additional details, write for Silent Chain Book 2425.




**ENCLOSED** Link-Belt silent chain drive operates in oil-tight casing on this high-speed press . . . maintains efficiency despite heat or humidity. Drive utilizes clutch arrangement shown below.



**GEAR CLUTCH WHEELS** with internal and external gear tooth clutch mechanism can be supplied where desired.

**LINK-BELT**

**CHAIN DRIVES**

14.672

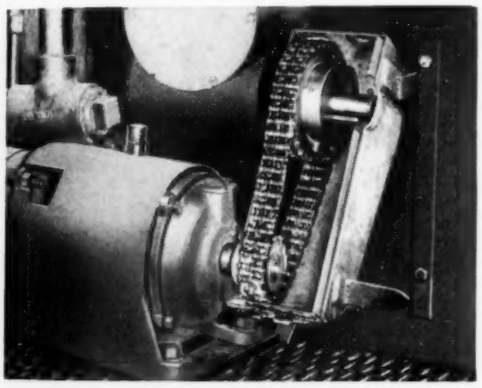
**LINK-BELT COMPANY:** Executive Offices, Dept. PPA-59, Prudential Plaza, Chicago 1. To Serve Industry There Are Link-Belt Plants, Warehouses, Sales Offices and Stock Carrying Distributors in All Principal Cities. Export Office. New York 7; Australia, Marrickville (Sydney); Brazil, Sao Paulo; Canada, Scarboro (Toronto 13); South Africa, Springs. Representatives Throughout the World.

# LINK-BELT chain drives

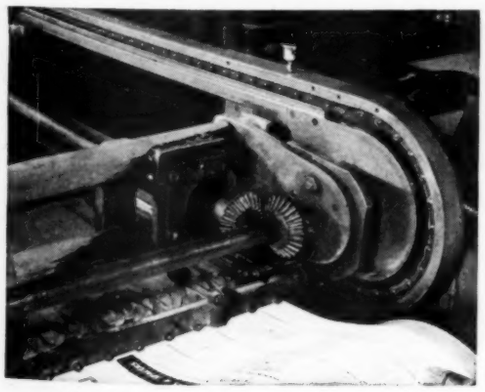
## Roller Chain

### with extra dynamic strength gives added wear-life to auxiliary press drives

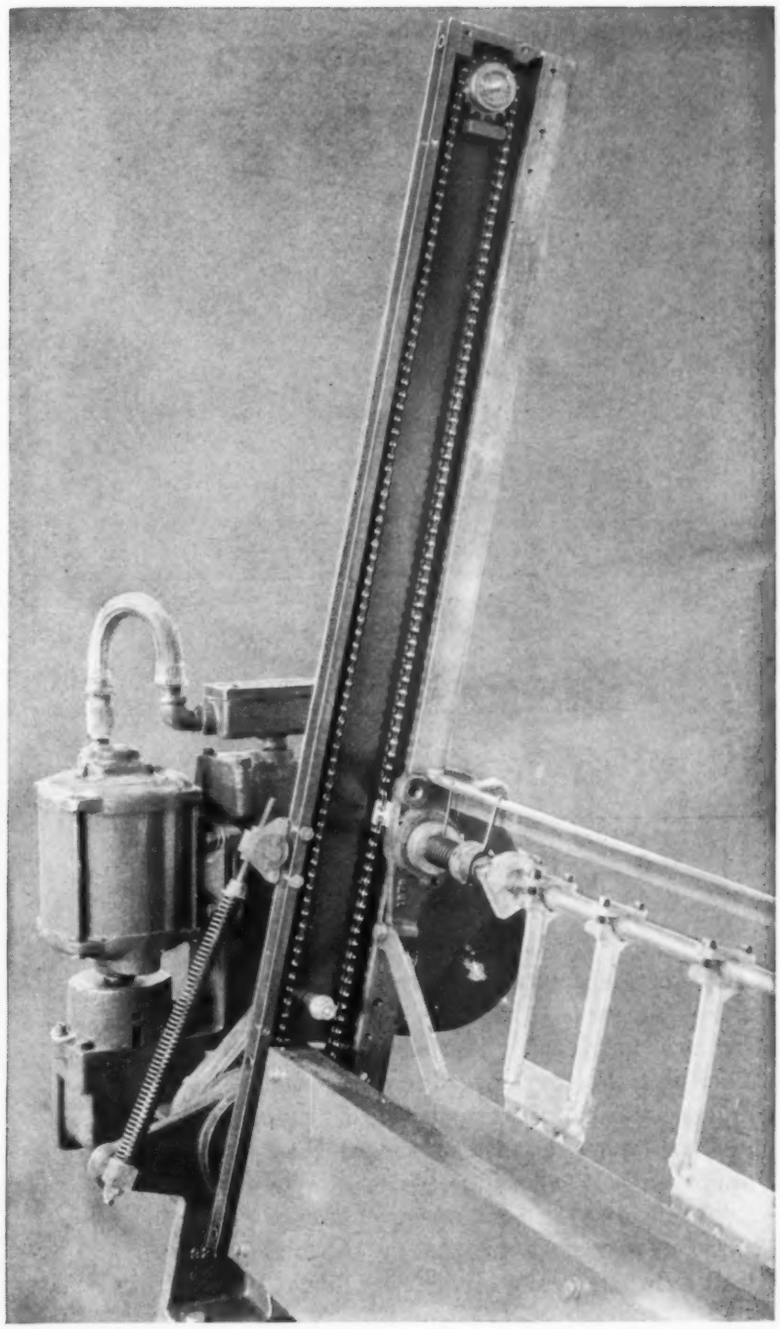
Manufacturing "extras" give Link-Belt roller chain exceptional resistance to operational stresses. The result—fewer replacements, lower cost. These extras contribute to *greater* dynamic strength: (1) Rollers are shot-peened to withstand impact and fatigue . . . (2) Close heat treat control and rigid testing insure uniformity . . . (3) Pre-stressing provides uniform load distribution. For full facts, ask your nearby Link-Belt office for Book 2657.



**REGISTER CONTROL EQUIPMENT** maintains accuracy with this Link-Belt roller chain drive.



**PRINTED SHEETS** are smoothly transferred from printing cylinders with Link-Belt chain.



**SHEET CUT-OFF DEVICE** for automatic paster uses Link-Belt roller chain for raising spring-loaded knives into position for cutting web of expiring roll of paper immediately after splice is made.

**OTHER LINK-BELT PRODUCTS INCLUDE:** P.I.V. Variable Speed Drives . . . Enclosed In-line, Parallel shaft and Worm Gear Drives . . . Gearmotors and Motogears . . . Self-Aligning Ball and Roller Bearing Pillow Blocks, Flange, Flange-Cartridge, Cartridge and Take-Up Units . . . Self-Aligning Single- and Double-Row Radial-Thrust Bearings . . . Chains for Conveying and Elevating . . . Conveyors of various types—industry's most complete line—one source—one responsibility. Catalogs sent upon request.

***For More Information Circle 105 on Reader Service Card***

# Strict uniformity, maximum clarity from proof through press run

## With ANPA-AAAA Approved Sinclair & Carroll Newspaper ROP Colors

The entire spectrum of advertisers' products and packages is covered daily by many leading newspapers using Sinclair & Carroll Color Book inks. Faithful reproduction is consistent and quick because newspapers can rely on the uniformity and quality of our ANPA-AAAA approved ROP color inks. This stamp of quality is one important reason why many of these same newspapers are among the national leaders in ROP color advertising linage.

**Sinclair & Carroll CO., INC.**

440 W. Superior St., Chicago • 591 11th Ave., New York

*For More Information Circle 162 on Reader Service Card*

## *large, quality printer reduces production cost by 36%.*

Four high-speed Tirfing 41 presses are continuously turning out quality printing at Peter F. Mallon, Inc., Long Island City, one of New York's finest plants.

The job production figures taken from these presses show a significant improvement in production output. When lightweight bible paper is scheduled on the press, the Tirfing shows an even higher productivity increase. This is modern, high-speed letterpress printing at its best.

Many modern features on the Tirfing 41, such as transfer grippers, chain delivery and stream feeder are responsible for its exceptional performance. Write Tirfing Printing Machinery, Inc. now for production figures and full information—or better still—ask for a demonstration and you can see for yourself.

| | SHEET SIZE | MAX. SPEED |
|---|---|---|
| TIRFING 41 | 31" x 41" | 4,000 I.P.H. |
| TIRFING 48 | 36" x 49⅝" | 3,000 I.P.H. |
| VIKING 48 | 36" x 49⅝" | 3,000 I.P.H. |

400 DELANCY STREET, NEWARK 5, NEW JERSEY
TELEPHONE: MARKET 3-7779

**TIRFING** PRINTING MACHINERY, INC.

*For More Information Circle 174 on Reader Service Card*

# NO JOB IS TOO TOUGH FOR THIS NEWSPAPER CONVEYOR!

Now installed at a large Midwest newspaper, this new RCA Conveyor System is doing "a wonderful job in a very tight mailroom." They are more than satisfied with results.

Performance and capabilities of the RCA Newspaper Conveyor are indicated by these comments of operating and maintenance personnel . . .

"With the RCA Conveyor you can bend it around a building column in a very short space. In a room like ours we can see a lot of advantages in this system. It can perform more twists and turns than a piece of spaghetti!

"It was cheaper to install, maintenance should be lower, and there should be more trouble-free operation than on other systems.

"It's so easy to maintain you can just stand there on the floor with an oilcan and in one revolution of the chain you can have it oiled.

"This system is so simple, it just has to work!

"It takes about a quarter of the time to install the RCA System as the older one.

"Print is not smudged by the RCA System.

"Kickers give us no trouble.

"The RCA System should gain wide acceptance in the newspaper industry."

RCA Newspaper Conveyors are readily installed in existing as well as new facilities since no changes are required in the presses or accompanying equipment. Get all the facts on this better conveyor now available from RCA. Send for descriptive folder on RCA Newspaper Conveyor Systems and other Automation products. Or ask for RCA representative to call. Address RCA, Dept. B-343, 12605 Arnold Avenue, Detroit 39, Michigan.

RCA Tmk(s) ®

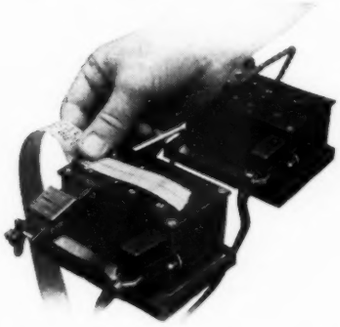
*For More Information Circle 149 on Reader Service Card*

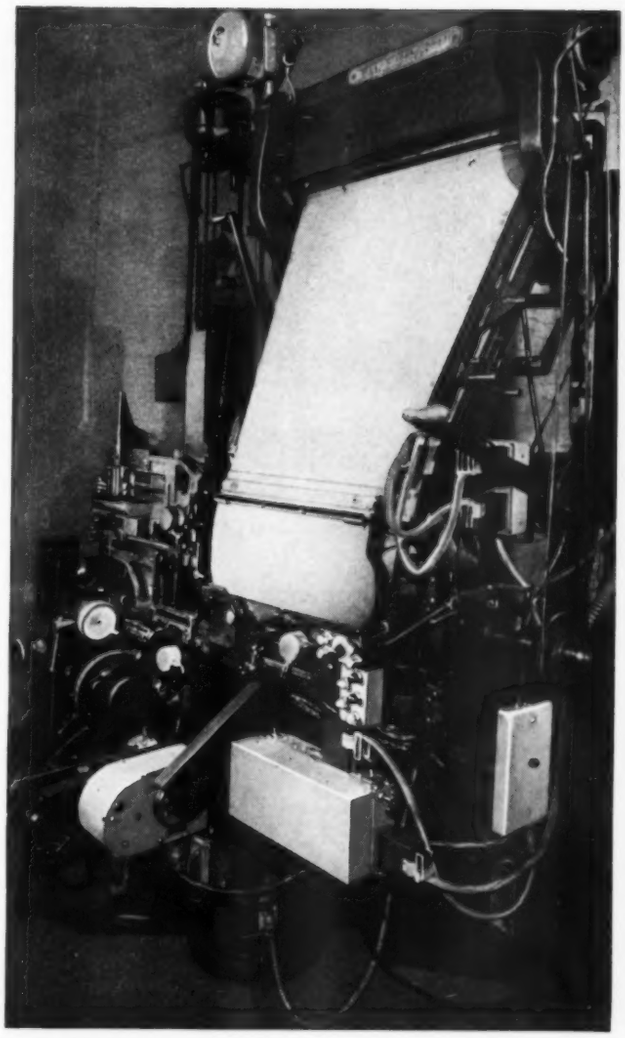
ANOTHER WAY RCA SERVES INDUSTRY THROUGH ELECTRONICS

...from tape to type in a twinkle!

# FEWER LINECASTERS DO MORE WORK!

## New RCA Electro Type Setters set type faster with greater accuracy





Linecasters equipped with tape-operated RCA units automatically set up to 540 characters per minute, permitting fewer machines to do more work.

This remarkable new system for automating the linecasting operation by-passes the entire keyboard assembly, and actuates the escapement verges directly by means of solenoids connected to each verge in the magazine of the typesetter.

Reliable RCA Electro Type Setters eliminate the inaccuracies which stem from failures in the keyboard mechanism and provide true sequential dropping of mats from the magazines at high speeds.

The RCA equipment can be installed without a keyboard assembly on the linecaster. Or, if a combined automatic and manual operation is desired, this can be accomplished by a simple switching arrangement.

### *These Outstanding Advantages:*

- ★ **High-speed—two to three times faster than conventional typesetting methods.**
- ★ **Fewer machines do more work—linecasting machines are able to work at rated capacity.**
- ★ **Permits better scheduling of work load. Later deadlines.**
- ★ **No tape in composing room. Linecasters are remotely operated.**
- ★ **Economical—saves floor space and maintenance.**
- ★ **Handles 6-unit code perforated tape.**

Get complete details on the time and money saving advantages of RCA Electro Type Setters. Send for new descriptive brochure or ask for RCA Representative to call. Address RCA, Dept. B-343, 12605 Arnold Avenue, Detroit 39, Mich.

**RADIO CORPORATION of AMERICA**

Tmk(s) ®

INDUSTRIAL AND AUTOMATION DIVISION
DETROIT, MICHIGAN

*For More Information Circle 233 on Reader Service Card*

# Mat Pak gets editions on the street—fast

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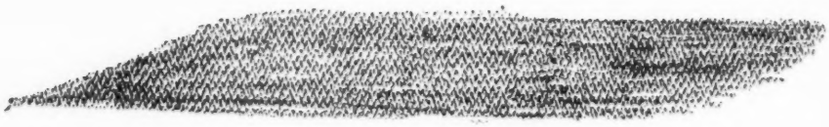

## cuts mat processing time in half, saves money!

Mat Pak gives you better plates and half-tones with deep, automatic, uniform packing—quality reproduction at less cost. With Mat Pak, your processing time is cut in half to give extra speed from composing room to press room, speed needed to meet close deadlines. Mat Pak has been used with greatest success in full production by leading newspapers for as long as two and one-half years. For your newspaper, Mat Pak will help curb rising production costs and ease the manpower shortage. Give Mat Pak a trial. Write to Kimberly-Clark Corp., Neenah, Wisconsin, Dept. Number PP- 129.

Mat Pak is a trademark of KIMBERLY-CLARK CORP.

**Kimberly-Clark Corporation**
NEENAH, WISCONSIN

*For More Information Circle 101 on Reader Service Card*

# index

to

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## BEST SERVICE
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When it comes to supplies and equipment for trouble-free, up-to-the-minute production in the Stereotype Department, Composing Room, Press Room and Photoengraving Department, this is the index to the most helpful catalog and service in the entire newspaper industry!

Every item production tested for perfect performance! Every item backed by the skilled services of Eastern's experienced staff! Every item offers *consistent* economy!

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**NEWSPAPER SUPPLY, INC.**
96-03 NORTHERN BLVD., CORONA 68, NEW YORK

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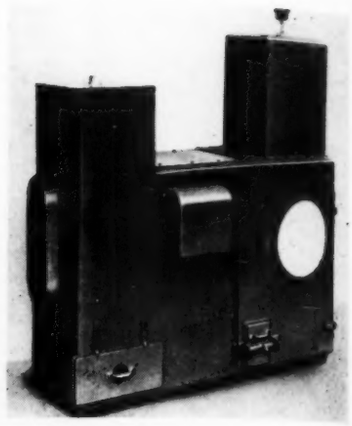
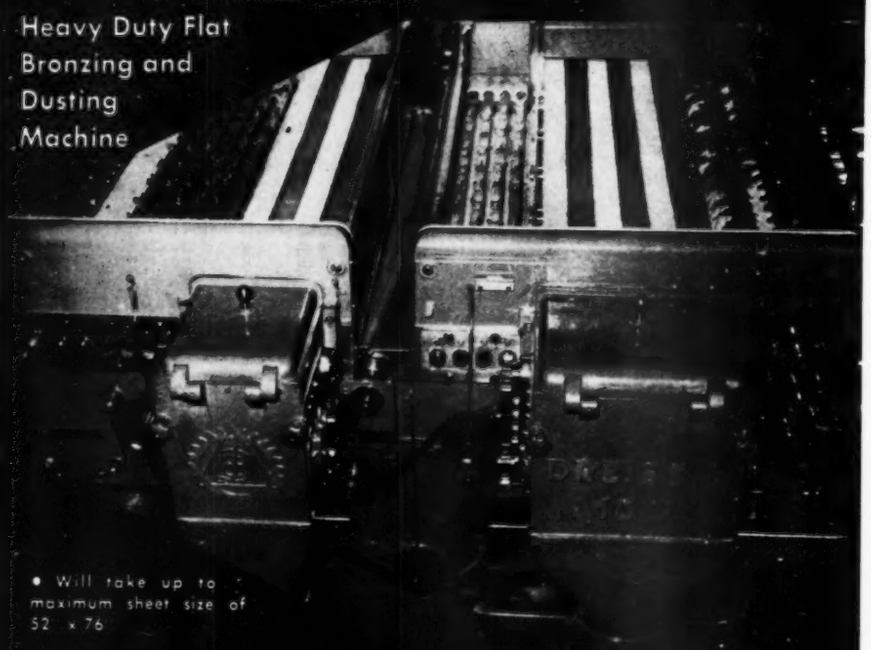
# BRONZING



## DREISSIG
### BRONZING MACHINE
## KOMBI 10 V

Heavy Duty Flat Bronzing and Dusting Machine



• Will take up to maximum sheet size of 52 x 76

• The DREISSIG "KOMBI 10 V" is a high-speed machine intended for use in tandem with a printing press. To obtain bronzing speed as well as clean and well-burnished sheet, the number of burnishers and dusting bands have been increased to a total of ten dusting bands, 10 burnishers and 4 dusting-off rollers. This has been achieved by incorporating an additional unit free from suspended bronze.

• No dust in suspension to dirty the sheet. The dusting unit is separate from the Bronzer.

• Because pressure of the burnishers can be varied as a unit, fine adjustments can be made on the run. This makes it unnecessary to stop the machine to adjust each burnisher individually.

**HENRY P. KORN ASSOCIATED INC.**

5 BEEKMAN STREET, NEW YORK 38

TELEPHONE: RECTOR 2-5808

*Write Today for Free Descriptive Literature*

## "DREISSIG BR"

### A New Concept in Bronze Cleaners and Sifters.

The revolutionary "DREISSIG BR" Bronze Cleaner and Sifter not only eliminates vibration, and therefore the need for lubrication, but also produces the cleanest, loosest bronze powder possible.

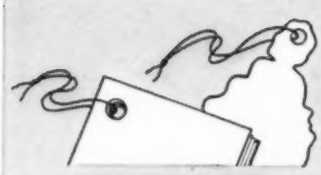
This is due to a new concept in machine design which eliminates the vibrating parts that shake bronze through screens (as used on old machines) and substitutes a blower-exhaust system which forces the powder through the screens. The suction of the exhaust keeps the powder within the confines of the funnel and the area around the machine completely clean.

The motor and such other moving parts as remain, are sealed and, since the cleaning screens rotate slowly, require no lubrication whatsoever. These screens remain clean due to brushes which remove ink and dirt particles from the screens while they rotate. The dirt is separated from the powder and falls into waste drawers thereby eliminating all disadvantages known in shake-through sifters.

The self cleaning screens and the ultra-fine meshes of the "DREISSIG BR" results in a clean, loose and dry powder, excellent in every way.

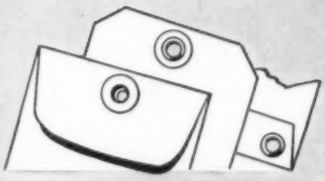
The "DREISSIG BR" is, conveniently, on casters and takes only 20 to 30 minutes to process 90 lbs of bronze powder.

*For More Information Circle 98 on Reader Service Card*



**STRING & KNOT**

Punches holes, strings and knots cord on shipping and merchandise tags and booklets automatically up to 11,000 per hr. Bulletin 17B.

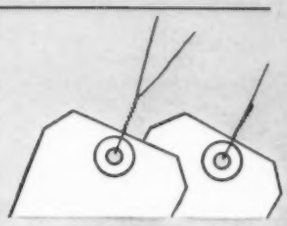


**PATCH & EYELET**

Automatically attaches patch, punches hole, inserts eyelet in one operation at 6,000 per hr. Patches one or both sides in any location. Bulletin 19.

**STRING & LOOP**

Strings and loops cord on square or rectangular shipping, merchandise and Christmas tags at 5,700 per hr. Bulletin 16.

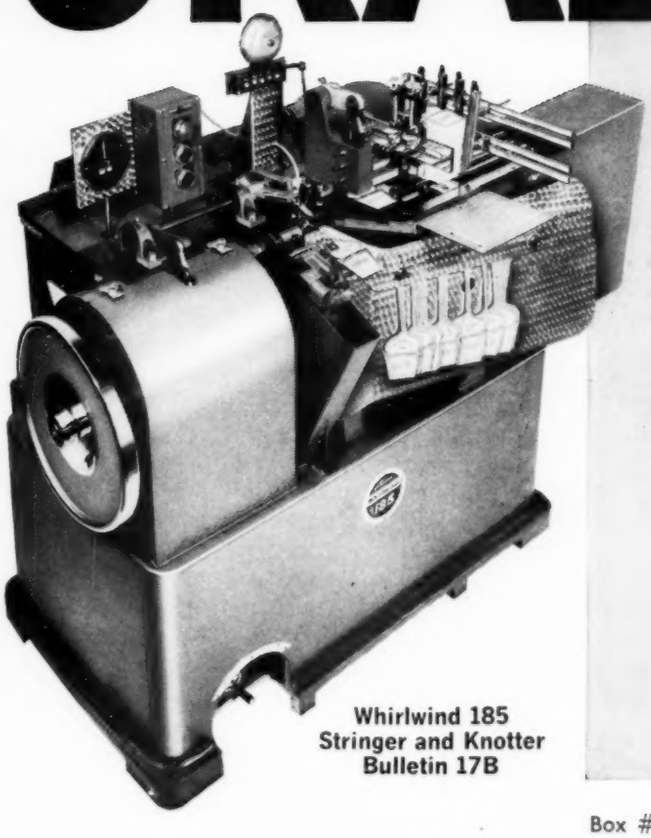


**WIRE**

Threads wire on shipping, merchandise or gang tags, single or double strand wire, at 5,000 per hr. Bulletin 18.

## ENGINEERS THE WORLD'S FASTEST FINISHING MACHINES!

# GRAEBER



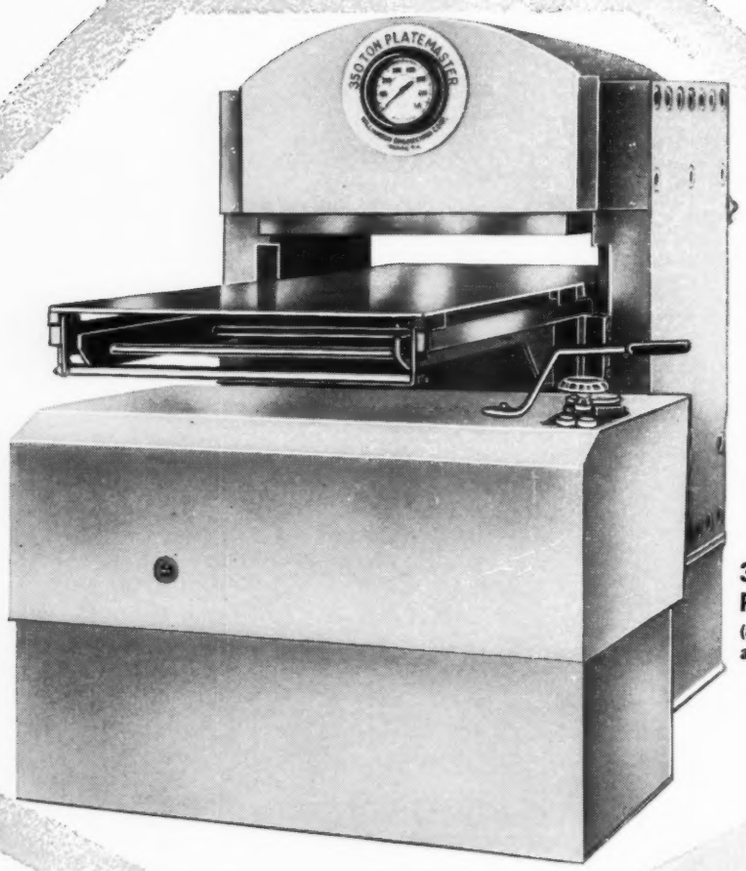
Whirlwind 185
Stringer and Knotter
Bulletin 17B

Graeber engineering skill lets you count on faster rates of production than any other finishing equipment. But speed is only part of the story. There's fully automatic performance, and simplicity of operation. You enjoy next-to-nothing maintenance costs for many years to come. And you're assured of turning out work exactly as your customers prescribe. If you're in the market for finishing equipment, your answer is Graeber—the most advanced in design and construction. For more detailed information, write on your letterhead for bulletins.

**GRAEBER**
**Stringing and Wiring Machine Company**
Division of New Era Mfg. Co.,

Box #400, Dept. PP12, Hawthorne, N.J. • Phone: HAwthorne 7-7000

*For More Information Circle 228 on Reader Service Card*




**350 Ton Platemaster**
(available with automatic control)

*Only Williamson gives you the*

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**in equipment and materials for producing duplicate letterpress plates of rubber or plastic**

A single call to your Williamson Sales and Service Specialist gives you the master key to everything. Whatever you want, from small press to 1000 Ton "Platemaster", from Matrix Sheet to plate compounds — the finest performing equipment and materials comes from Williamson, distributor of U. S. Rubber Company compounds. What's more, experts with over 13 years of experience in making both equipment and materials are always at your command. Why not call and fill your needs now?

# WILLIAMSON & CO.

INCORPORATED
Caldwell, New Jersey

**Sales and Service from Coast to Coast — Bryan, Ohio • Atlanta, Ga. • San Mateo, Calif. • Grimsby, Ont., Canada**

*For More Information Circle 222 on Reader Service Card*

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*the last word in plate making equipment*

Powderless Etching Machines for Copper, Zinc and Magnesium • Conventional Etchers • Curved Plate Powderless Etchers and Supplementary Equipment • Whirlers • Developing Units • Powdering and Burning-In Devices • Coolers • Stripping Tables • Stainless Steel and Plastic Sinks • Negative Dryers • Special Equipment for Photoengraving

***MASTER SALES & SERVICE CORP.,*** *Wyncote, Pennsylvania*

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# NEW SCOTT press

## STREAMLINED... HIGH SPEED

featuring complete flexibility for multi-color SPOT and ROP printing

New Tensionplate Lockup
•
3-2 Folder with Safety Coupling and Automatic "Kick-Out" Clutch that Prevents Paper Chokes
•
Variable, Vibrating Cylinder, Adjustable To 1/4" If Required When Adapting Color.
•
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•
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•
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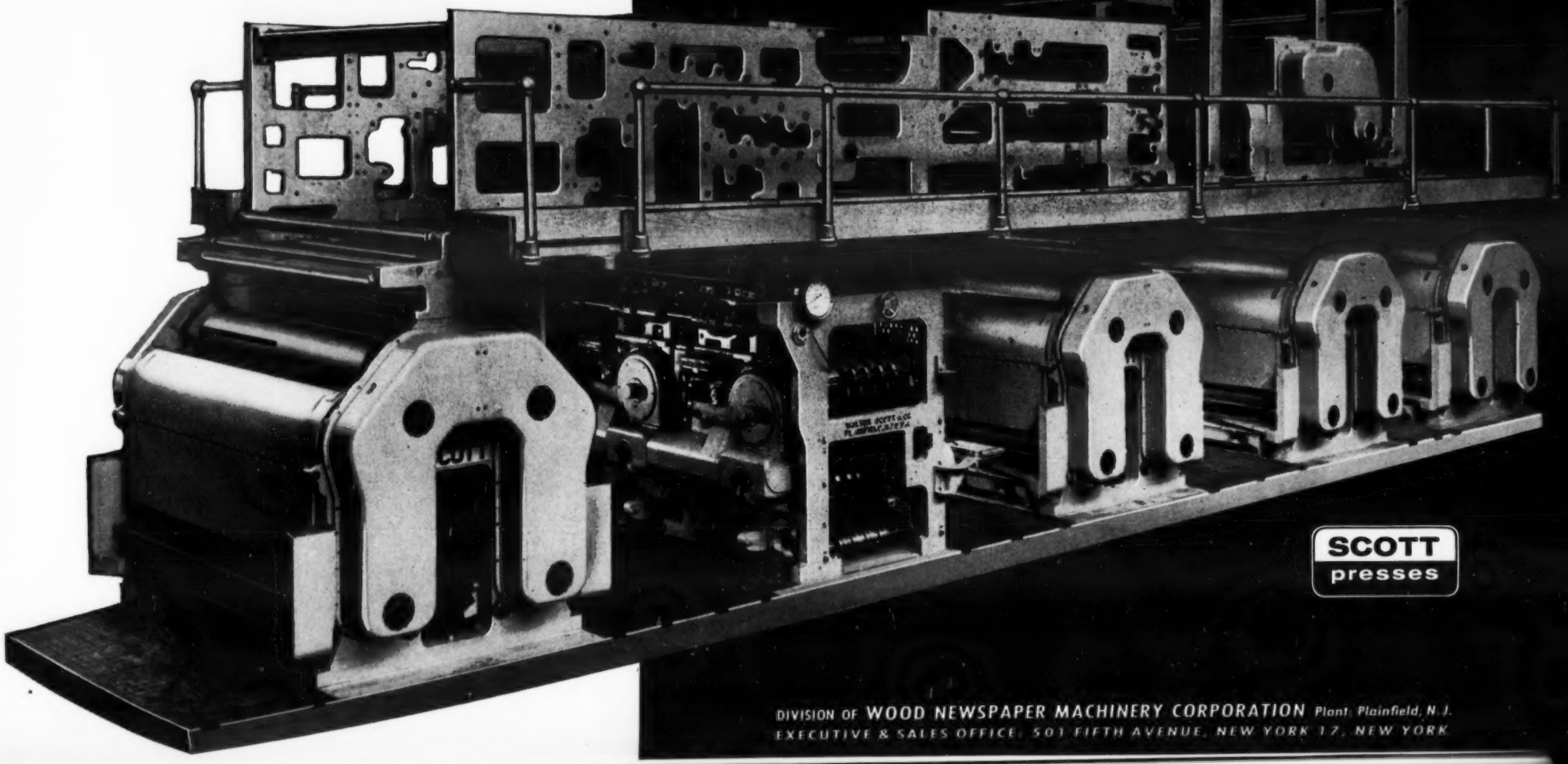
•
Single and Double Portable Ink Fountains
•
Intermittent "Skip Slitter" for Tabloid Production



SCOTT presses

DIVISION OF WOOD NEWSPAPER MACHINERY CORPORATION Plant: Plainfield, N. J.
EXECUTIVE & SALES OFFICE: 501 FIFTH AVENUE, NEW YORK 17, NEW YORK

For More Information Circle 156 on Reader Service Card

DIVISION OF WOOD NEWSPAPER MACHINERY CORPORATION Plant: Plainfield, N.J.
EXECUTIVE & SALES OFFICE: 501 FIFTH AVENUE, NEW YORK 17, NEW YORK


# What assurance can you give your advertisers

## of eye-catching, sales-making hairline register of full color plates?

When CERTIFIED is your mat source, you can be sure that BLUE RIBBON CC MATS are formulated to guarantee exact hairline-register of ALL colors on the press.

BLUE RIBBON CC MATS eliminate double stereotyping and the consequent hazard of shrinkage type mats.

BLUE RIBBON CC MATS are molded by direct pressure and baked on the form.

BLUE RIBBON CC MATS are designed primarily for direct curved page casts, with a strong base and special coating for multiple casting (up to 25) in autoplate.

Develop the prestige of being the positive source of beautiful, hairline-register full page color. Gain the confidence of advertisers and secure substantial color-advertising budgets through

**BLUE RIBBON CC MATS**

that assure faithful, impressive, sales-making reproductions. There is a Certified Blue Ribbon Mat for every advertising need.

**CERTIFIED DRY MAT CORPORATION**

555 Fifth Avenue, Dept. M., New York 17, N.Y.

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Cleveland Heights 18, Ohio

**E. J. Cook, Jr.**
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**F. A. Donnelly, Jr.**
Certified Dry Mat Corporation
555 Fifth Avenue
New York 17, N. Y.

**T. F. English**
9612 S. Ridgeway Ave.
Evergreen Park, Ill.

**J. W. Meehan**
330 Ashmore Avenue
Trenton, N. J.

**J. F. Natolis**
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**R. Robinson**
3424 S. W. 7th Street
Des Moines 15, Iowa

**C. R. Sisson**
8127 Ben Avenue
North Hollywood, Calif.

**Henry Levy**
576 Seymour Street
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**W. E. Booth Company Ltd.**
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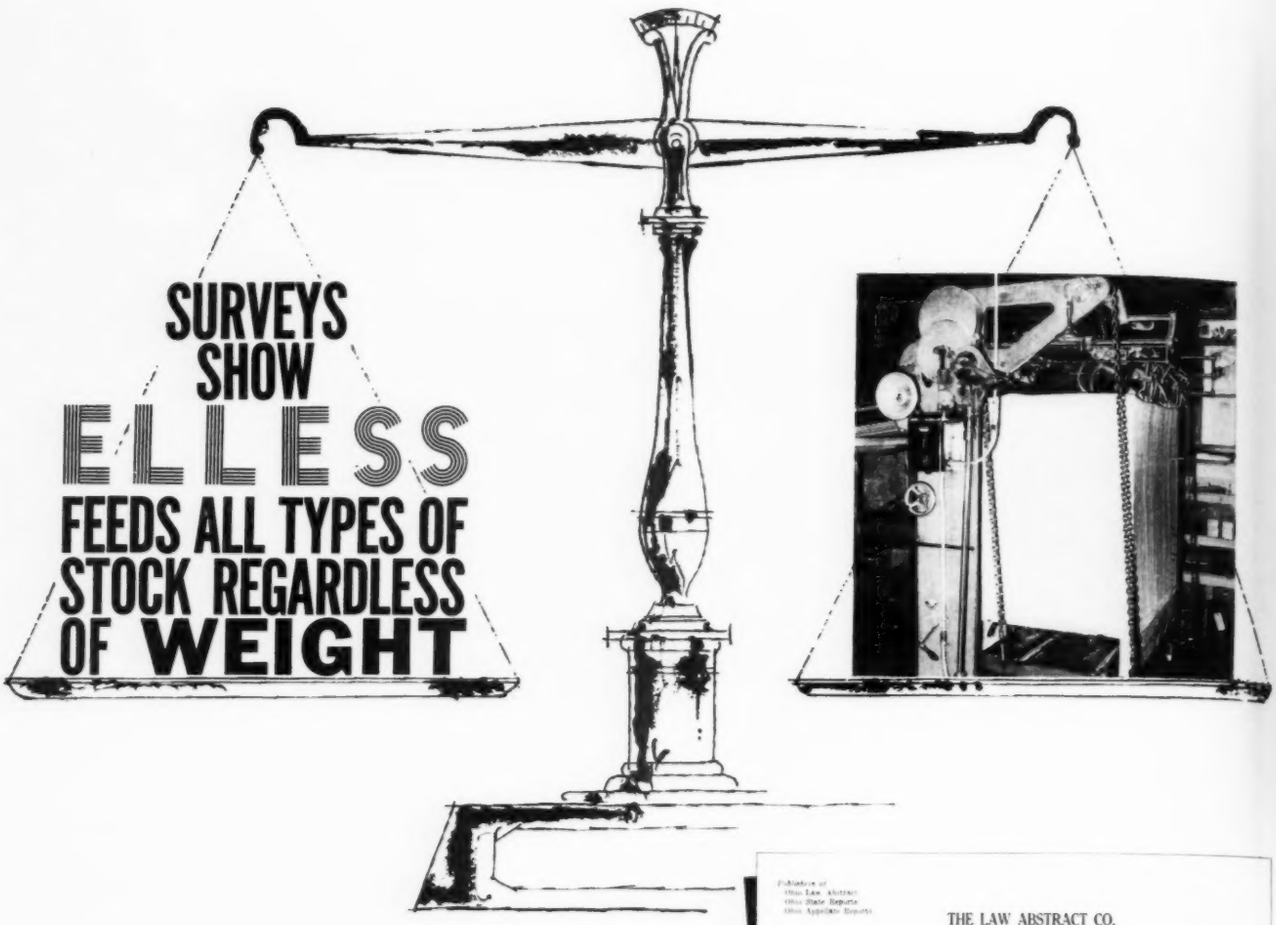
*or write the Certified* **HOME OFFICE**

For dependable stereotyping, rely on Certified Dry Mats

Certified
BLUE RIBBON MATS

*For More Information Circle 36 on Reader Service Card*




Onionskin, book, board stock — coated, uncoated, any finish — the Elless Automatic Stream Feeder handles all with flawless efficiency.

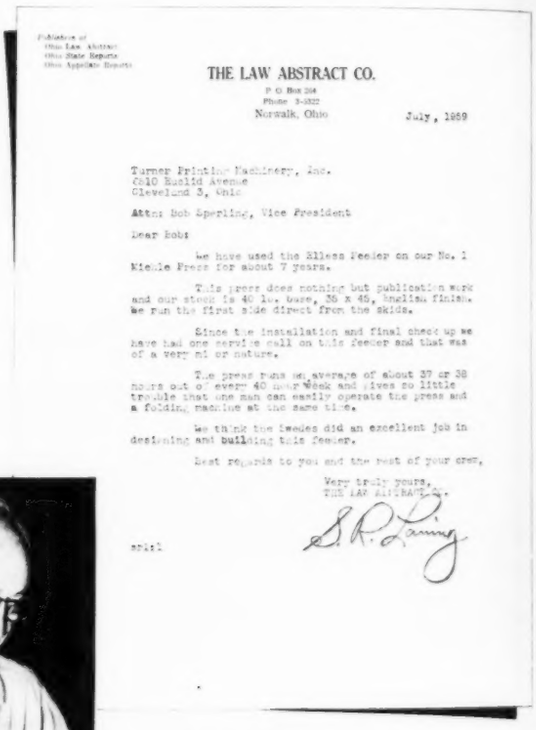
The Law Abstract letter speaks for itself, a testimonial to day in-day out Elless operation all over the world.

From every standpoint, versatility, wide stock range, quick getaway, speed, minimum maintenance, the Elless Stream Feeder leads the field.

Regardless of your stock, plant conditions, or the job, there is an Elless Feeder for you. That's why more Elless Feeders are being installed on equipment in customer's plants than any other stock feeder.

Letterpress, offset, silk screen presses, die cutters, laminators, folders, virtually any hand fed sheet operation can be converted to automatic operation with an Elless Automatic Stream Feeder.

*If you have a feeding problem, let us help you solve it.*



Publishers of
Ohio Law Abstract
Ohio State Reports
Ohio Appellate Reports

THE LAW ABSTRACT CO.
P. O. Box 204
Phone 3-3322
Norwalk, Ohio

July, 1959

Turner Printing Machinery, Inc.
6510 Euclid Avenue
Cleveland 3, Ohio

Attn: Bob Sperling, Vice President

Dear Bob:

We have used the Elless Feeder on our No. 1 Miehle Press for about 7 years.

This press does nothing but publication work and our stock is 40 lb. base, 35 x 45, bnclim finish. We run the first side direct from the skids.

Since the installation and final check up we have had one service call on this feeder and that was of a very mi or nature.

The press runs an average of about 37 or 38 hours out of every 40 hour week and gives so little trouble that one man can easily operate the press and a folding machine at the same time.

We think the Swedes did an excellent job in designing and building this feeder.

Best regards to you and the rest of your crew,

Very truly yours,
THE LAW ABSTRACT CO.

S. R. Laning

srl:l

Meet Mr. S. R. Laning of Law Abstract, Norwalk, Ohio and his feeder pictured above. Read how he—and how you can profit with Elless operation.

**TURNER PRINTING MACHINERY, INC.**

**6510 Euclid Avenue**
**Cleveland 3, Ohio**

**732 Sherman**
**Chicago 5, Illinois**

**6327 Linwood**
**Detroit 8, Michigan**

*For More Information Circle 172 on Reader Service Card*

# THE NEW COMET 300

• LINOTYPE •

At the Graphic Arts show in New York Linotype introduced the Comet 300 to the printing world. The outstanding performance of this machine immediately . . .

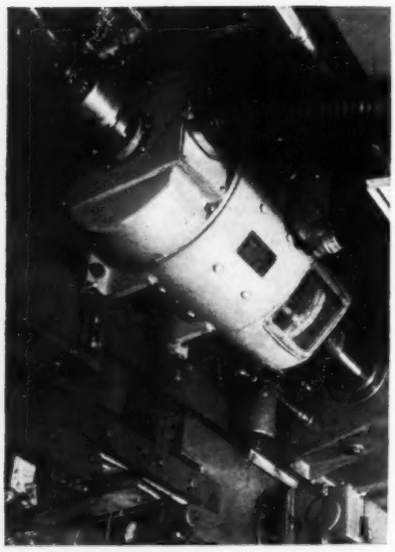
## . . . captured the interest of thousands, because . . .

. . . the Comet gives a *true speed* of 12 lines per minute, and the new Mat-Glide system insures top production with longer life for matrices and machine. Lino*tronic* controls for positive metal temperature regulation, and new Airflow transfer mechanisms guarantee smooth operation manually or by tape. A demonstration will convince you that . . .

## . . . its superior production and dependability are unique!

Ask your Linotype Production Engineer to show you how the Comet 300 will speed (and economize) *your* typesetting. Or write to Mergenthaler Linotype Company, 29 Ryerson Street, Brooklyn 5, New York.

***For More Information Circle 116 on Reader Service Card***

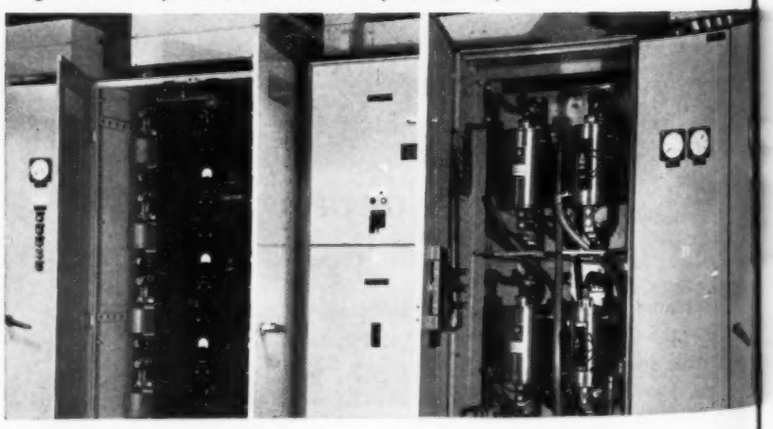


G-E Kinamatic® d-c motors provide dependable power for unit drives.

When you expand your printing plant, select General Electric press drives and distribution equipment for optimum performance, reliability, and flexibility. You get not only quality products but these *added values*—unit responsibility, system engineering, and on-the-spot service.

Compact G-E low voltage draw-out switchgear provides highest degree of continuous power, needs little maintenance.

G-E electronic press drives require only periodic inspection. "Set and forget" selector panel allows flexible operation of press units.



For complete information on G-E equipment for the printing industry, contact your nearby General Electric Apparatus Sales Office or write to General Electric Company, Section 653-50, Schenectady 5, N. Y.

Engineered Electrical Systems for Newspaper Plants

**GENERAL ELECTRIC**

PRINTING PRODUCTION
DECEMBER 1959

# Handling paper in the pressroom

By STAFF MEMBERS *of Lithographic Technical Foundation**

THE four step system on handling paper described here will give you the best possible control of paper and help you to avoid trouble with feeding, wrinkling, and misregister when the paper is printed.

It is realized that relatively few plants will have all of the facilities needed for the exact adjustment or conditioning of paper received in any condition. This refers particularly to the equipment needed to humidify large shipments of paper that is too dry. However, the majority of troubles with paper comes from a lack of basic knowledge about its characteristics and the importance of following simple rules in handling it. To this end, the information given here should be most valuable.

One instrument that all lithographers do not have and which they should have is the LTF paper hygroscope or sword hygrometer as it is sometimes called. This device, Fig. 1, measures the differences in the relative humidity of the paper and of the air in the pressroom or other area where the paper is first unwrapped. It tells whether or not it is safe to run the paper or whether it needs to be conditioned if you want to avoid trouble on the press. (The LTF paper hygroscope is manufactured and sold by the Cambridge Instrument Co., Grand Central Terminal, New York, N. Y.)

But, even if you don't have a sword, and are not interested in

**Conditioning paper by hanging in small separated lifts so that room air can circulate between sheets was one method used by lithographers when floor space was limited. Nowadays, most lithographers who condition their paper use more efficient paper conditioning machines.**

*The introductory paragraphs to this feature were taken from Lithographic Technical Foundation's publication *Research Progress, Press Department Memo No. 2.* The material concerning paper handling was adapted from LTF's Bulletin No. 308, *What the Lithographer Should Know About Paper,* by Robert F. Reed.

**HOURS REQUIRED TO TEMPERATURE CONDITION PAPER**

| Cubic Volume of Paper on Skid, in Case or in Roll | Difference in Temperature of Paper and Temperature of Room in which it is Opened | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 10° | 15° | 20° | 25° | 30° | 40° | 50° | 60° |
| | (Hours paper should stand) | | | | | | | |
| 6 cubic ft. | 5 | 9 | 12 | 15 | 18 | 25 | 35 | 54 |
| 12 cubic ft. | 8 | 14 | 18 | 22 | 27 | 38 | 51 | 78 |
| 24 cubic ft. | 11 | 16 | 23 | 28 | 35 | 48 | 67 | 100 |
| 48 cubic ft. | 14 | 19 | 26 | 32 | 38 | 54 | 75 | 109 |
| 96 cubic ft. | 15 | 20 | 27 | 34 | 41 | 57 | 79 | 115 |

**TABLE A—Two items necessary to know in order to us this chart are the temperature on arrival and volume of paper.**

making the small investment at this time, you can still avoid many headaches with paper simply by following the rules for temperature conditioning all paper before you unwrap it and by protecting piles of paper between printings or other processing.

Owners of the LTF paper hygroscope will notice that a new and revised procedure for using this instrument is described. This is the result of some recent tests at the LTF laboratory. It was found that there can be rather wide differences in the response rates of different hygroscopes due to their age and condition. Because of this, the procedure of using the instrument's reading after its tip has been in the paper pile for one minute and then correcting this reading with an alignment chart, is no longer recommended. While the new procedure takes a few minutes longer, results will be much more accurate.

When the paper hygroscope is being swung in the pressroom air to zero it or when it is inserted in a pipe of paper, lightly tap or jar the dial with vour finger before each reading. This will release any frictional drag on the needle and tend to give more accurate readings.

### LTF Paper Handling System

These reminders of good practice in handling paper in the plant will help you to avoid trouble with feeding, wrinkling, and misregister when the paper gets on the press.

(1) Temperature Conditioning.
(Bringing the paper to pressroom temperature.)

(2) Testing the Paper's Relative Humidity.
(To see how its relative humidity compares with the pressroom's relative humidity.)

(3) Moisture Conditioning if Necessary.
(Adjusting the moisture in the paper if necessary, so that its relative humidity balances with the relative humidity of the pressroom air.)

(4) Protecting Paper When it is Not Being Processed.

This system gives the best possible control of paper. However, if you can't test paper relative humidity or adjust its relative humidity to the pressroom relative humidity, you can still avoid troubles by temperature conditioning and protecting the paper when it is not being processed.

### Temperature Conditioning

Temperature conditioning means that the paper is stored in the plant and is not unwrapped until it reaches the same temperature as the pressrom where it will be used. Required storage time depends on the size of the skid, carton, or roll and its temperature on arrival. Do not remove or tear the wrapper during storage. Seal rips and holes with tape. To know how long paper should stand before you unwrap it, determine the following two figures and consult Table A.

First: Determine the difference in the paper's temperature and the temperature of the room where it will be unwrapped.

Cut small slit in wrapper. Insert a thermometer into pile. (When you remove it, seal slit with tape.) If you can't do this, use outdoor temperature when paper arrived as the paper's temperature.

Second: Determine cubic volume of the skid, carton, or roll of paper.

For cubic foot volume of paper on a skid or in a case, multiply length by width by height (in inches) and divide by 1728. For volume of roll paper in cubic feet, multiply roll diameter by roll diameter ($D^2$) by roll length (all in inches) by 3.14 and divide by 6912.

When calculations for cubic feet fall between two numbers in chart, use the higher number in chart. Example: If volume is 32 cu. ft., use hours on the 48 cu. ft. line in the chart.

Cold paper in a warm room chills the air around the pile and raises its relative humidity. Uncovered edges of paper quickly pick up moisture. Sheet paper edges become wavy; roll paper edges become slack. Moisture condenses on very cold paper like it does on a glass of ice water. As the paper warms up, some but not all of the moisture is given off. Waviness or slackness will be reduced but will not disappear with normal conditioning.

### Testing the R.H. of Paper

After the paper has been temperature conditoned, test its relative humidity to see how it compared with the pressroom relative humidity. Do this with the LTF paper hygroscope as follows:

(1) Swing or fan tip of instrument in the air for one minute. Check reading. Continue swinging. Recheck reading every 30 sec. Tap dial before each reading. Swing the tip until the needle change is less than 1% in 2 consecutive min. The time required for different instruments will vary from about 3 to

**Fig. 1—The paper hygroscope is used to test the relative humidity of a skid of paper to see how it compares with the relative humidity of the air in the pressroom.**

5 min. Now, press the button just below the dial and set the pointer to zero.

(2) Slit wrapper and insert blade into the paper about 6 in. below the top. Again, tap dial and read it every 30 sec. Leave blade in pile until pointer comes to rest or changes less than 1% in 2 consecutive min. The time required will vary from 6 min. when there is a small difference in relative humidity to 10 min. when the relative humidity difference is large. Final reading shows the difference between room and paper relative humidity.

If the relative humidity of the paper is the same or is up to 8% higher than pressroom relative humidity, the paper can be safely run without further treatment. If the relative humidity difference is outside this range, consult chart B. There is considerable leeway as to whether a paper needs to be conditioned. It depends on the type of paper, the sheet size, register requirements, number of printings, and whether a single or multicolor press will be used. Four color presses allow the most leeway. Final decisions depend much on experience and judgement.

Fig. 2—Wavy edged paper results when edges pick up more moisture than is contained in the body of the paper.

Unwrap the paper only after it has been temperature conditioned and is scheduled for cutting, printing, or conditioning.

### Moisture Conditioning

Paper is moisture conditioned so that it will stay flat and not develop wavy or tight edges before or during printing operations.

Wavy edged paper can be temporarily corrected by storage in a hot-room (100° to 110° F) for several hours before printing. Or, place strip heaters or infra-red lamps along the sides of the feeder pile near the top to warm and shrink the edges. Don't over-dry and produce tight edges. On one and two-color presses, wavy edged paper may need to be treated before each printing.

Dry or moist paper should be hung in a conditioning machine in lifts of 25 to 50 sheets depending on the paper's weight. Modern machines use blowers and humidifiers, take little space, and require only 2 to 8 hrs. to condition paper.

An air conditioned pressroom helps greatly to avoid moisture troubles especially when the rest of the paper handling system is followed.

If the pressroom is not air conditioned, if register requirements are critical, and if either the relative humidity or temperature may change between printings, piles of paper must be protected. Cover them with a moisture-vapor proof bag or skid cover made of plastic sheeting, plastic impregnated cloth, or rubberized fabric. Covers should fit over pile and extend at least to the skid platform. Seal piles carefully so that air cannot enter.

Don't merely cover the piles with paper. Even the original asphalt liner Kraft wrapper is not satisfactory because it is impossible to prevent the leakage of air and moisture into the package.

**GUIDE FOR DECISIONS ON CONDITIONING PAPER BASED ON PAPER HYGROSCOPE READING AND JOB REQUIREMENTS**

| Nature of Printing | Hygroscope Reading | Recommendation |
|---|---|---|
| No Register—danger of wrinkles only | 12 dry to 8 moist | Safe to print |
| | More than 12 dry or more than 8 moist | Condition paper |
| | 8 dry to 8 wet | |
| Commercial Register—single printing on 2- or 4-color press | More than 12 dry or more than 8 moist | Safe to print<br>Condition paper |
| | 12 dry to 8 dry | Use judgment |
| Close Register—single printing on 2- or 4-color press | 5 dry to 8 moist | |
| | More than 10 dry or more than 8 moist | Safe to print<br>Condition paper |
| | 10 dry to 5 dry | Use judgment |
| Commercial Register—two or more printings | 4 dry to 8 moist | |
| | More than 8 dry or more than 8 moist | Safe to print<br>Condition paper |
| | 8 dry to 4 dry | Use judgment |
| Close Register—two or more printings | 0 (balance) to 8 moist | |
| | More than 5 dry or more than 8 moist | Safe to print<br>Condition paper |
| | 5 dry to 0 (balance) | Use judgment |

TABLE B—This chart is based on a survey of shop experience by George S. Hammer and William P. Greenwood. It was first reported in a paper called *Paper Moisture Balance in Lithography* in the proceedings of the Sixth Annual TAGA Meeting, 1954.

## Printing Ranked 14th in 10 Year Economic Summary

A comparison of the economic growth by industry for the 10 year period 1947-57 indicates that printing and publishing ranks 14th among all manufacturing industries. This information was released in a publication by the U. S. Dept. of Commerce.

The printing industry showed a gain of 82.2% over the 10 year period, but was below the average of 90.6% for all industries. Printing was below average until 1956 when a 9.1% gain bettered the average of 6.1% for that year. In 1957 printing attained a 4.6% increase which surpassed the average of all manufacturing industries which was 3.5%.

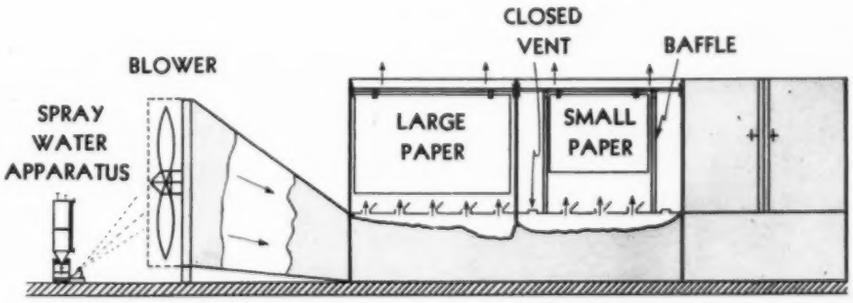
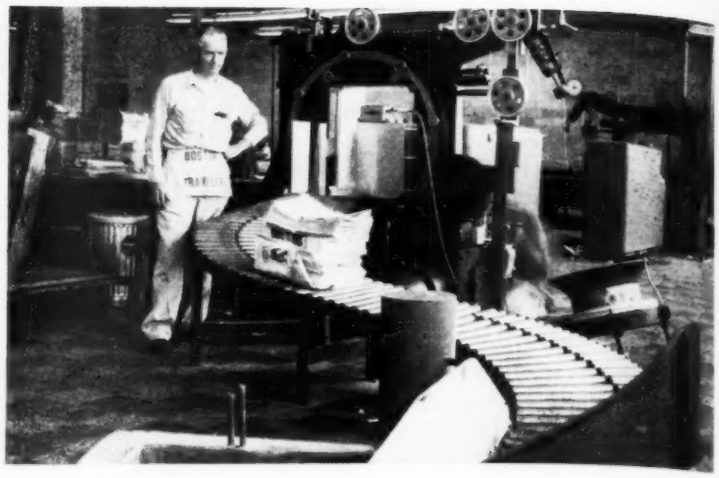



Fig. 3—Diagram of a modern paper conditioning machine. The water spray can be used to raise the relative humidity of paper above that of the air in the pressroom.

Foreman Jack O'Connell, Boston *Herald* and *Traveler* mail room, watches bundled newspapers being ejected from one of the Parker automatic wire tying machines for delivery via conveyor to waiting delivery trucks below.



## FAST PRODUCTION SECURED BECAUSE NEWSPAPERS LET

# *Conveyors Do the Toting*

By SIDNEY JAMES PAINE, *Staff Correspondent*

NOTEWORTHY feature in the new plant of the Boston *Herald* and *Traveler* consists of eight different purpose conveyors. Indicating a distinct trend in printing industry new plant construction, conveyors reduce production time and human fatigue during the workday.

The newspapers were moved out of their old seven story building in downtown Boston last July, into a new and modern newspaper publishing plant. This event took place some 20 months after initial plans were made for the construction of a multi-million dollar newspaper edifice on a 6½ A. tract of land in the South end of Boston.

Of colonial Boston brick construction, the two story building contains 210,000 sq. ft. of floor space.

Thorough research, planning, and re-planning were undertaken by the H-T committee in cooperation with the architects and engineers to be certain that every square foot of floor space would be utilized productively. These studies meant placing a seven floor operation into a sprawling two story building, on an assembly line setup, without reduction in number of employees, so that better production cost control could be maintained in the new building.

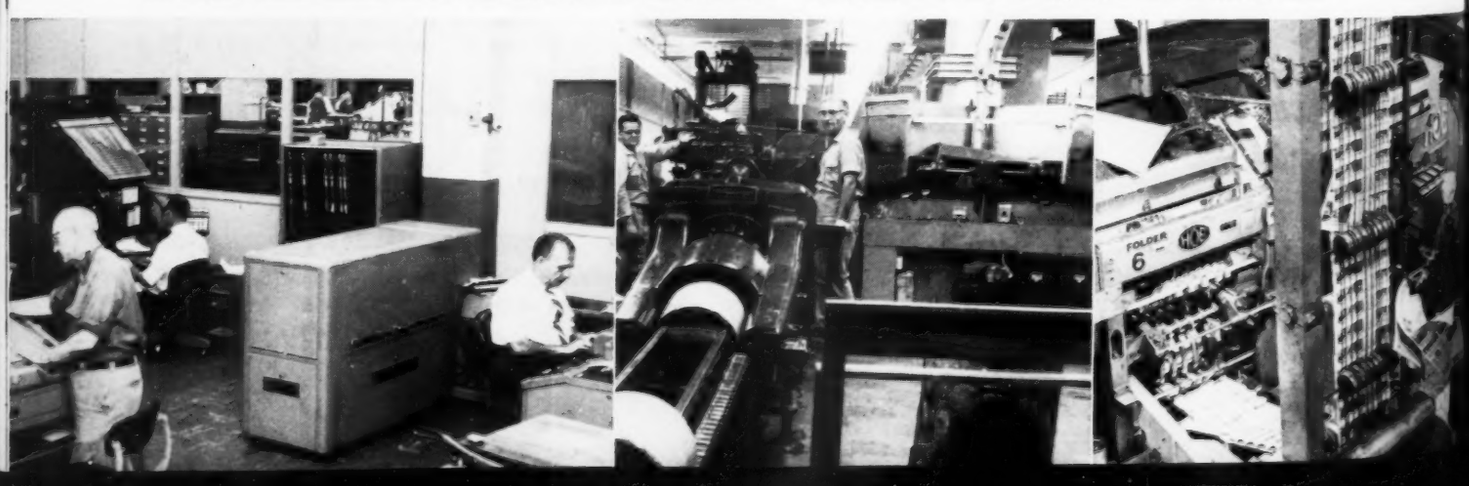
Production Mgr. C. Stanley Whyte said that each piece of equipment to be moved from the old building was tagged with respect to its position in the new building. The position of each machine to be moved was indicated with chalk on the floor of the new building. In this way the machines were transported and spotted in proper place on the floor of the new building with minimum loss of time.

Architect for the new building was the firm of Leland, Larsen, Bradley & Hibbard, Boston. The firm of William Ginsberg Associates, well known in the printing industry, served as consulting engineers.

### Eight Conveyor Systems

As has been mentioned above, the *Herald* and *Traveler* adopted the idea of making liberal use of conveyors in the new plant to reduce human fatigue as well as

Left: View in section of Boston *Herald* and *Traveler* photocomposing room. Operator at upper left is setting copy on a Fotosetter. Man at lower right is Anthony Evangelista, in charge of department, operating a Photon machine. Man at lower left is assembling elements for display advertisement. Center: Stereotype plates start their automatic travel from the Wood Autoshaver by way of roller conveyor to the working side of the presses in the pressroom. William Miller is superintendent of the stereotype department. Right: Copies of the Boston *Traveler* are coming out of one of the press folders and will be delivered to the mailing room on the second floor.



worker production time in manufacturing operations. The eight conveyor systems are as follows:

In the first floor lobby there is an electric stairway to the second floor business and editorial offices.

In the composing room a conveyor transmits copy and proofs from the news bank and ad alley to the proof room and return (see story, page 66).

A floor conveyor automatically delivers newly cast plates from the stereotype department to the working side of the presses.

A central stereotype metal remelting system receives dead plates via conveyor from the press room and delivers the metal automatically in molten form at proper temperature to the Autoplate machine pots.

Extending from the presses to the mailroom, of course, Cutler-Hammer conveyors transport complete papers from the presses to the mail room.

**Planning for color advertisements are (right) C. Stanley Whyte, production manager, and Edward J. Mylett, assistant production manager, Boston *Herald* and *Traveler*.**

After the papers have been bundled in the mail room, they are sent down via conveyor to the delivery truck loading dock.

At the loading dock, bundled papers are transported by an impressive conveyor system to any of 14 delivery trucks at rapid pace as received from the presses.

In process of installation is the Hy-Clip conveyor extending from the circulation department to the delivery truck area at the loading dock.

### Automatic Air Conditioning

Advanced engineering techniques were applied to the control of the heating and air conditioning equipment installed in the *Herald* and *Traveler* building. A centralized operating panel, or supervisory data center, is located in the security guard office.

**New multi-million dollar *Herald* and *Traveler* plant. Building contains 210,000 sq. ft. floor space and has been planned for fast straight-line production. Plant is entirely air conditioned.**

This center collects temperatures from 90 electronic sensing elements and operates 90 pneumatic valves and dampers on 27 air conditioning systems, six ventilating systems as well as the central refrigerating plant and other auxiliary equipment. Minneapolis-Honeywell Regulator Co., in collaboration with A. Ehrenzeller, Inc., Boston, made the installation.

The operating panel permits operators to monitor the 80 electric motors on fans and pumps and to read temperatures at 90 locations in the building.

The production department utilizes (with the exception of a few small offices) the entire first floor. From the time copy for ads and editorial is received in the production department, the route is one of assembly and fabrication until the plate reaches the pressroom. There are no lost steps.

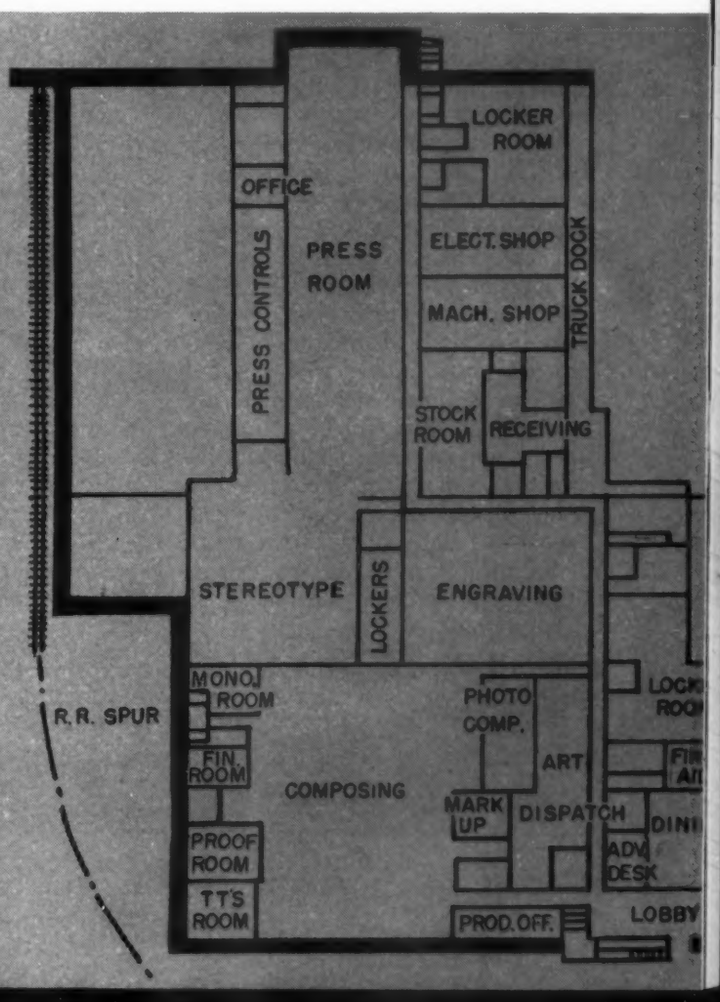
Editorial, advertising, photography, circulation, feature, library and executive departments are on the second floor, connected by an electric stairway.

### Phototypesetting Department

An expanding department is devoted to photocomposition. This department is headed in the day time by Anthony J. Evangelista, and at night by James J. Hurley. All rotogravure ads are set by photocomposition and are pasted into the layouts with artwork, reverses,

(*Continued on Page* 108)

**All manufacturing operations for Boston *Herald* and *Traveler* are done on this first floor area. In addition to a moving stairway in the lobby, conveyors are used in a number of ways to conserve footsteps. The New Haven railroad siding is used to bring carloads of newsprint into the basement on the same floor level as the press reel room. Blank area at upper left in this diagram is used for newsprint storage.**



***Knowing most economical method of producing signatures for publication work enables printer to prepare for the 1960s.***

THE application of published hourly costs and reliable time standards can be useful in many different ways to every printer. Among other things, he can discover whether or not his own production costs are abreast of those of the rest of the printing industry or whether it is advisable for him to review his present equipment for greater production economies.

## *Press Study Shows*

# LITHO HOUR COSTS

### Comparing Web and Sheetfed Presses

By CHRIS M. FOSS, *Engineer*
*American Type Founders Co., Inc.*

The last decade has seen a substantial swing away from letterpress toward offset and everyone is curious about the next 10 years. Can we prepare for the future using equipment available today or must we wait for the arrival of something new to reduce production costs?

Through the use of published hourly costs and reliable time standards we can take a peek into the future by applying equipment available today to our own production problems. One question that will be asked repeatedly in the next 10 years is the position of webfed offset as compared with sheetfed equipment. Publication printers are asking this question now. Let us try to get an idea of comparative production costs between the two offset processes, as they exist today to help us find out what the trend is for the future.

A simple product such as a 32 page signature printed in one color (around 8½ in. by 11 in.) can be printed economically on a 36 in. by 48 in. sheetfed offset press using two 16 page forms; or it can be produced on a 51 in. by 73 in. sheetfed offset press from a work-and-turn form to produce two 32 page signatures from a single plate. It can also be produced on a two unit 22¾ in. by 25 in. webfed offset press with folder attached to the press.

Each web will receive eight pages on each side in one color from each printing unit to produce a 16 page signature. Two webs passing through two printing units and fed into the folder will produce one 32 page signature printed in one color and folded.

Here then are three ways a 32 page signature can be produced and it is interesting to compare production costs between them.

To get an idea of how production costs will run, it will not be necessary to include the cost of composition, paper, ink, stock handling, etc. Let us assume that these items are relatively the same for each of these three presses and concentrate our thinking on those production areas where costs will differ because of the techniques used.

In this instance plate costs will be different. A 73 in. plate will cost considerably more than a 48 in. plate. Makeready costs will be different; the running cost per thousand signatures will be different. There will not be anything in common between these costs. Therefore, these are the costs that we shall compare and pass over the costs that are about the same for each of the presses.

To find the costs of plates, makeready and press running, we will resort to published hour costs and time standards for each operation. We must remember however, that hour costs can vary between plants on the same machine; also that time standards to complete a given operation may be different between plants. Production costs therefore will vary and the costs shown here are not to be regarded as necessarily suitable for pricing but rather as a broad ratio of comparison between three presses to print a similar product. It will not be a complete cost story, but it will give a strong indication of cost trends.

The hour costs and other production data used for these three presses are shown in Table I.

A brief run-down on the difference between these three presses to print that 32 page signature in one color is as follows:

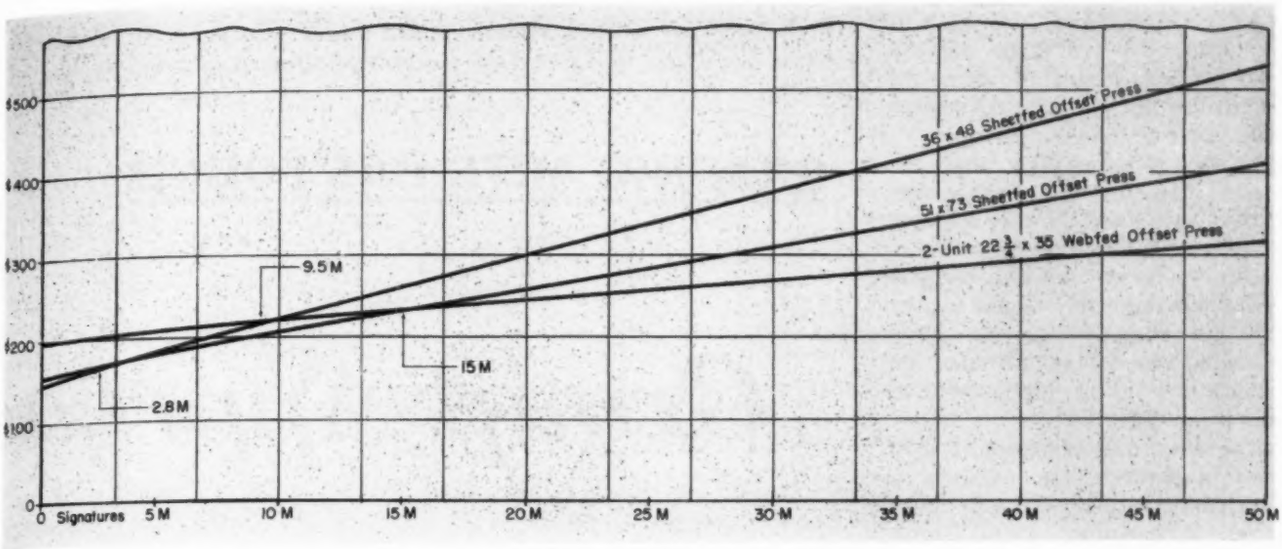
The 36 in. by 48 in. press requires two 16 page plates, two makereadys and two press runs, to deliver one 32 page signature.

The 51 in. by 73 in. press requires one 32 page work-and-turn plate, one makeready, and two press runs, to deliver two 32 page signatures.

A 2-unit 23¾ in. by 35 in. web-

**TABLE 1—HOUR AND PRODUCTION COSTS FOR THREE PRESSES**

| PRESS | HOUR COST | MAKEREADY TIME | RUNNING RATE | PLATE COSTS |
|---|---|---|---|---|
| 36x48 Single Color | $15.32 | .93 Hrs. | .24 Hrs. | $56.00 |
| 51x73 Single Color | $20.69 | 1.56 Hrs. | .25 Hrs. | $107.00 |
| Two unit 22¾x35 Web Press | $33.60 | 2.0 Hrs. | .067 Hrs. | $30.00 |




**Which press offers greatest economies in press runs? This chart indicates a comparison in the cost of plates, makeready and press running between a two unit 22¾ in. by 35 in. webfed offset press, and a 36 in. by 48 in. and a 51 in. by 73 in. sheetfed offset press, to print a 32 page signature in one color. Up to 2800 signatures the 36 in. by 48 in. sheetfed press is the most economical; from 2800 to 15,000 signatures the 51 in. by 73 in. sheetfed press is the most economical; but at 15,000 signatures the two unit 22¾ in. by 35 in. webfed press takes over and becomes more economical as the length of run increases. Costs include folding for the webfed offset press because it is equipped with a regular newspaper-magazine type folder, but costs of folding are not included for the sheetfed presses.**

fed offset press requires four 8 page plates, one makeready and one press run to deliver one 32 page signature, folded.

Through the medium of published hourly costs and time standards these differences can be converted to costs. To make it interesting, costs for 15M, 25M and 50M signatures are compared in Table II.

The following is a brief explanation of the figures in this table:

PLATE COST

Plate $30 x 4 = $120 plus $7.39 repro proof = $127.39

Plate $56 x 2 = $112 plus $7.39 repro proof = $119.39 S.W.

Plate $107 plus $14.78 = $121.78 work-and-turn form

MAKEREADY COST

$33.60 hr. cost x 2.0 hrs. = $67.20 Makeready

$15.32 hr. cost x .93 hrs. = $14.24 x 2 = $28.48

$20.69 hr. cost x 1.56 hrs. = $32.27 work-and-turn form

COST PER M SIGNATURES

$33.60 hr. cost x .067 hrs. = $2.24 plus 20c jogger boy = $2.44 per M

$15.32 hr. cost x .24 hrs. = $3.67 x 2 Impr. = $7.34 per M

$20.69 hr. cost x .25 hrs. = $5.17 x 2 Impr. ÷ 2-Out = $5.17 per M

COST PER 15M SIGS., ETC.

$2.44 cost per M sigs. x 15M = $36.60 plus $194.59 = $231.19

$7.34 cost per M sigs. x 15M = $110.10 plus $147.87 = $257.97

$5.17 cost per M sigs. x 15M = $77.55 plus $154.05 = $231.60

The costs for 15M, 25M and 50M signatures are better visualized in the chart accompanying this story. Here the costs on each press are plotted at 15M, 25M and 50M signatures and connected by a line. The line represents the cost of plates, makeready and press running at any quantity from zero to 50M signatures.

It will be seen that no one press dominates the scene. All three presses have an economic place. The 36 in. by 48 in. press starts out as the most economic press, but is challenged by the 51 in. by 73 in. press at 2800 signatures. At that point costs are the same. Below a quantity of 2800 signatures, the 36 in. by 48 in. press is favored. At 2800 signatures lower costs are surrendered to the larger press.

The 51 in. by 73 in. press is the economic press from 2800 to 15,000 signatures and then it surrenders lower costs to the faster running two unit webfed offset press which strengthens its position as the length of run increases.

### Not Suitable for Pricing

As stated earlier, this use of published hour costs and time standards to obtain comparative costs may not be suitable for pricing, but the method will point the way to help discover the most economic press. In this instance we have not considered the cost of folding the signatures on the sheetfed presses, while the cost of folding is included for the webfed press.

### Costs Favor Web Presses

This should call for a closer examination of webfed equipment for publication work. Even with this important omission and in an area of relatively short runs, preliminary costs favor webfed equipment.

A swing toward webfed equipment could be one of the greatest interests of the printing industry for the next 10 years. A comparison of production costs, based on published hour costs and time standards, can point the way for your future consideration.

## ALA Open New Headquarters

The Amalgamated Lithographers of America formally opened their new international headquarters, Nov. 6. The address is 233 W. 49th St., New York 19, N. Y.

**TABLE II—COMPARISON OF COST OF SIGNATURES**

| PRESS | Cost of Plates | Cost of Mkrdy. | Total Prep. | Cost Per M | TOTAL COST 15 M | 25 M | 50 M |
|---|---|---|---|---|---|---|---|
| 22¾x35 | | | | | | | |
| Two unit press | $127.39 | $67.20 | $194.59 | $2.44 | $231.19 | $255.59 | $316.59 |
| 36x48 One color | 119.39 | 28.48 | 147.87 | 7.34 | 257.97 | 331.87 | 515.87 |
| 51x73 One color | 121.78 | 32.27 | 154.05 | 5.17 | 231.60 | 283.30 | 412.55 |

● *Fourth of series reveals that small budgets for research have been no handicap to persistent industry leaders*

## GRAPHIC ARTS HAS FOUND

# *Group Approach F*

RESEARCH, and the glamour associated with it by the popular writers, means so many different things to different people that objectivity in evaluating it for the Graphic Arts may become tainted with personality. This approach to the problem of research and development is meant to be an objective one, but there are probably some readers who are not convinced of this. One's training, experiences, attitudes, and associations affect his impressions and his philosophies.

As this series develops, I hope that a pattern for research in Graphic Arts will become clear. There is something to be learned in studying the activities of the individual firms; the suppliers whose research efforts have become so evident; the industry groups and associations; and those public spirited organizations doing research for the sake of the industry.

In the latter category, must be recognized the efforts made by Dr. Mark Ellingson, president of Rochester Institute of Technology, when he set out to establish a Graphic Arts Center about 10 years ago. He was too early for either the industry, or for his own institution, but he laid the groundwork for a research department which has been successful in getting some support for free research designed to aid the industry.

The position of Warren L. Rhodes, head of this department, in the selection of problems on which to work, is so unique that I find it difficult to advise him on his best approach. RIT's research policy is still in a state of flux, but it offers an opportunity for the research scientist to get the freedom he says he must have, while at the same time offering the industry aid and students their training. Nothing spectacular may ever come from this approach to research, but the selection of programs designed to aid the entire industry can do much to develop a research consciousness in the minds of the industry's production oriented executives.

### Attitudes Toward Research

The glamour associated with the research of the Du Pont's, the Standard Oil's, the 3-M's or the General Electric's may never reach the printing industry. The largest single firm in the Graphic Arts is still small business by comparison with the auto, oil or electrical industries, but this has not affected the research attitudes of some segments of the Graphic Arts industry.

The remarkable thing about these research attitudes is that they have come from the smaller elements. The smaller firms have been most adamant in their insistence that research support was a necessary way of life. They know as individuals they were in no position to carry on an organized program, but that as groups, however small, they could do something. With few exceptions, the real research effort (not necessarily money spent) has been made by those supporting the Lithographic Technical Foundation, Printing Plates Research, Gravure Research, Photoengravers Research, Graphic Arts Research Foundation, American Newspaper Publishers Assoc., Book Manufacturers Institute, and others in this category.

### Success of Group Participation

History will record these efforts, small by comparison with those of the giants in the process industries, as the real beginning of research and development in an industry made up of a large number of small specialized units. These organizations for research are examples of solid efforts by groups outside the printing plants to determine scientifically, if possible, how their processes might be improved and strengthened. Except for LTF, they are essentially supplier groups, but they are component suppliers—not material suppliers—and hence are really part of the over-all printing industry.

The Lithographic Technical Foundation has been in continuous existence since 1924 when it first

**Research for the gravure field is conducted in the labs of Gravure Research, Inc., located in New York City. Here John Kimball, GRI project engineer, measures cell depth on a gravure plate using an electronic depth gauge.**

By MARVIN C. ROGERS, Ph.D.
*Consultant, Flossmoor, Ill.*

# Helps Research

got under way under the direction of Dr. Robert Reed. The success of LTF lends strength to the statement made to me by the manager of a high quality printing firm when he said, "Group research seems to me to be most likely to succeed in homogeneous industries such as lithography, photoengraving, electrotyping, paper and ink. I do not think it can be successful in the equipment industry; and efforts to bring together large printing plants with similar interests in letterpress have always met with failure. I believe it will be necessary to study plant operations, define the problems, and then organize to attack the whole program by group action."

LTF has been singularly successful in the group approach. It has opened the industry to more free discussion of its problems and their solutions. I do not consider LTF as an ideal toward which the rest of the industry should look, nor do I believe that the staff at LTF considers their efforts to be an industry model. Fundamental work often is neglected; also the program of the laboratory is sometimes diluted badly by the tendency to be dominated by "pressing needs of the industry today" attitude. Too little attention is given to the dreamer who is looking out for tomorrow.

Lithography as an industry does meet the test of homogeneity, and LTF is the example of the group attack on industry's problems. Certainly, the combination of LTF and the alert men in command of the production plants have been responsible for the strong position of offset in the printing industry today. The industry has received the process tools from LTF with which it might grow and prosper.

The university and the research institute offer excellent opportunities to any small group contemplating a research program. LTF started at the University of Cincinnati, but now enjoys the "luxury" of its own building in Chicago. Its budget is among the highest of those industry groups, approximately $250,000 annually. Other groups have operated at Lehigh University, Georgia Institute of Technology, University of Michigan, and several have started their activities at Battelle Memorial Institute in Columbus, O.

**Battelle Memorial Institute, Columbus, O., has played a major role in Graphic Arts research. Here a group of its scientists examine a printing plate in one of the laboratories. From left, are: Lewis E. Walkup, chief; James Dugan and Rex Jones, project leaders, of the Applied Physics Div.**

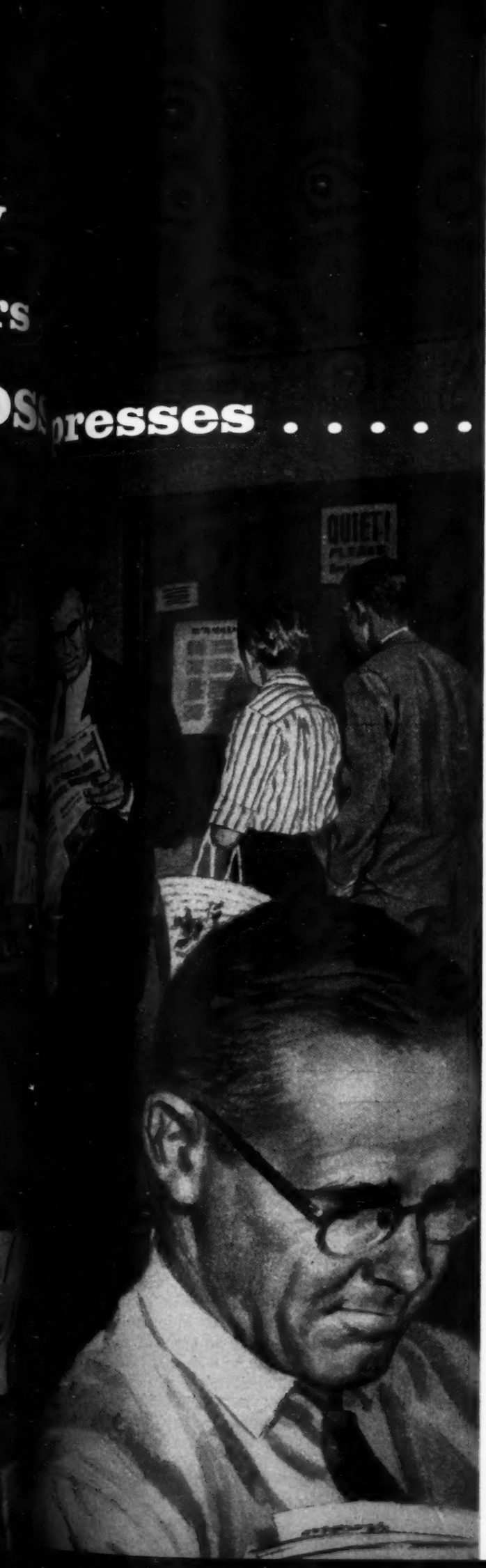
### Letterpress Research Progress

Letterpress as an industry is much more heterogeneous with its division into electrotyping, photoengraving, printing, and sometimes composition. None of the component suppliers, such as photoengravers, may be considered "big business," and it is doubtful if any would ever be able financially to support any fundamental or formal research program alone. Each process requires diverse disciplines including physics, chemistry, and engineering.

The founders of Printing Plates Research, Inc., realized this when a small group went to Battelle Memorial Institute in the early 1940s with a request that Battelle modernize the industry. The vinyl molding process for electrotypes resulted. Battelle engineers simply took scientific know-how from one industry to another. The electrotype shop was transformed from the "by guess and by gosh" inky-black molding room to a precision operation in clean and well kept plants. Some of the dynamic personalities like Robert Myers of Des Moines have passed on, but their spirit and drive remain to guide this small

(*Continued on Page* 99)

# a major reason why 3 out of 4 newspapers are printed on GOSS




# ROUND-the-CLOCK SERVICE

Call Goss day or night—detailed records of every installation are kept instantly available. And a skilled engineer is always ready to give your pressroom foreman the help he needs. Or, if stock replacement parts or on-the-spot assistance is necessary, he can be at your plant in a matter of *hours*—as fast as a car can safely drive or a plane can fly. *Service* with a capital S—a bonus you get when you "keep looking to Goss."

**More reasons why Goss newspaper presses are first choice over all others combined:**

- engineering excellence
- the only complete line of presses and auxiliary equipment
- the industry's longest record of "firsts"
- a complete line of stereo equipment
- ROP color pioneering
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***For More Information Circle 72 on Reader Service Card***

***Over 2000 photo-lithographers meet in Kansas City to study offset field's current problems; Rinehart re-elected president***

# *Industry Briefing on*

# LITHO TECHNICAL FIELD

**NAPL examines all production areas**

By JOHN HEMMLER, *Asst. Editor*

THE lithographic industry received an intensive briefing last month at the 27th convention of the National Assoc. of Photo-Lithographers held at the Municipal Auditorium and Hotel Muehlebach, Kansas City, Mo. According to NAPL officials, more than 2000 persons attended one or more days of the convention.

Program topics ranged from reports on new offset papers to descriptions of dampening systems and offset plates. Management subjects were also well covered with heavy emphasis on lithographic costs. In conjunction with the latter, the association distributed copies of a new booklet entitled, *A Study of a Simplified Method for Building Budgeted Hourly Cost Rates in a Lithographic Plant* (see PRINTING PRODUCTION, November 1959, page 31). The convention's high point again was the technical clinic at which production problems were discussed by a six-man panel.

Biggest attraction of the four-day meeting was an impressive display of the latest equipment and supplies for the lithographic field. The show area of the Municipal Auditorium was occupied by 108 companies who used 180 exhibit spaces for live demonstrations of machinery and colorful information displays.

Re-elected NAPL president was Stanley R. Rinehart of E. I. du Pont de Nemours & Co., Wilmington, Del. The association also re-elected other officers as follows: J. Tom Morgan, jr., Litho-Krome Co., Columbus, Ga., vice president; William H. Glover, jr., Sweeney Lithograph Co., Belleville, N. J., treasurer; George Carnegie, Consolidated Lithographing Corp., Carle Place, N. Y., secretary.

Reappointed to the NAPL staff were: Walter E. Soderstrom, executive vice president; Robert S. Emslie, jr., executive secretary; and Frank R. Turner, jr., as cost accountant.

Next year's convention is slated for the Conrad Hilton Hotel, Chicago, on Oct. 5-8.

### Future Developments in Paper

Development of coated offset papers specifically for use on web offset perfecting presses is one of the major future goals of the paper industry, said Ronald I. Drake, technical director of customer services, Champion Paper and Fibre Co. Lithographers and papermakers agree, he added, ". . . that more than just the regular run of letterpress enamels are necessary to secure successful and profitable operation of these presses." It was his opinion that the industry will install more webfed offset presses which will take business away from the sheetfed equipment.

Another goal of the paper industry, according to Drake, is to further modify and improve current coated offset enamels while endeavoring to hold the line on paper cost.

Use of colored paper in certain printing applications was advocated by Roy M. Barnes of E. I. du Pont de Nemours & Co. He revealed some of the results of a Du Pont survey of consumers' attitudes toward paper which included the proposed use of colored paper.

Barnes said: "Printers were found to have serious doubts, fears and misconceptions about using colored paper. The survey shows that they consider themselves somewhat incompetent in selecting colors of inks to go with colored paper. They think that colored paper reduces legibility—that halftones do not look good on colored paper.

"On the positive side, however, 84% of the printers believe that colored stock enables them to improve the attractiveness of a piece without greatly increasing the cost; 73% think that colored paper enables printers to make greater use of their artistic talents; 68% think that colored stock enables printers to satisfy cheaply the customer's demand for color."

### Stresses Preventive Maintenance

Roy P. Tyler, special services engineer, Harris-Intertype Corp., stressed the importance of preventive maintenance and its accompanying savings in the pressroom. He warned of the hazards encountered when lubrication and maintenance are allowed to go ignored, and then outlined steps to be taken in setting up and operating a successful program. Tyler commented: "Any mechanism slowed by dirt or lack of regular lubrication, may make a

difference of anywhere from 500 to 1000 sheets per hour productive time or as much as 50% of your production."

Three aspects of a good preventive maintenance program are cleanliness, lubrication and inspection. This cannot be maintained without the use of a record which can provide the key to many problems. The record is a reminder; it indicates the efficiency of the program; it provides cost information; and most of all, it provides a clue to lost production, Tyler said.

Tyler took a dim view of using compressed air to blow away dust and dirt because it blows it to other areas of the plant. Tyler advocated the use of a hand vacuum cleaner which he said would eliminate the problem.

Even though the newer presses have fully automatic lubrication, he cautioned against being lulled into a feeling of security. There are still many areas of the press which are not oiled automatically and require attention.

Grease fittings and oil holes should be wiped clean before application of the lubricant. If this is not done, the accumulated dirt will be forced into the holes and will soon hide the lubricating points, thus causing them to be overlooked.

Tyler also emphasized that the electrical system should not be forgotten in any preventive maintenance program.

### Color Proofing Methods

Opening his talk with the statement that when most people make a mistake they make but one, but when the printer makes a mistake he produces a multitude of them, Martin Grayson, regional manager, Printing Developments, Inc., applied this to color proofing. Proofs serve as advance copies and final OK's among other things, he said.

Grayson outlined the various methods of color proofing now on the market. He mentioned water-color preplate methods, the wipe-on materials now in use by the army engineers, and two types of Diazo proofing materials. The latter method should be used only as an in-plant guide, he warned, as it will not look like the press product.

Grayson elaborated on the use of the LTF color chart, explaining that many printers misuse it. It was not developed to become a general standard for all plants, he continued. It contains value only if the negatives are obtained and plates and prints are produced under the plant's own conditions.

Once a customer OK has been obtained for the proof the plant should have no further headaches. If trouble is experienced in matching the proof, something is radically wrong with the plant. Grayson believes that the printing company should be able to deliver sheets to the customer which are better than the proof.

Harold P. Dahlgren, president, Dahlgren Lithographic Equipment Co., Inc., explained the advantages of the Dahlgren dampening system and remarked that the ink is not emulsified. The Dahlgren system rolls a film of water onto the surface of the ink roller which then applies it, along with the ink, to the plate. He asserted that the water roller closest to the ink roller will never accept ink under any circumstances because there is a separation be-

**NAPL Equipment Show Views**

(All names read from left to right)

1—Tom Weir, Royal Zenith Corp., shows press sheets from his company's offset press, which was in operation, to James E. Epperson, Polychrome Corp.; George Meissner, Earl Mfg. Co., and Dan Wayne, Polychrome.

2—Features of the Scan-A-Color color correction machine were explained to D. Ralph Johnston, plant superintendent, and O. D. Williams, assistant manager, both of the Commercial Printing Div., Des Moines Register and Tribune Co., by L. Fritts, Fairchild Graphic Equipment Co.

3—At Russell Ernest Baum, Inc.'s booth Alvin Arnell of Miller-Lauffer Printing Equipment Corp. was demonstrating the Countron counting unit on a folder for Ted Shirk, Reasor Hill Corp., Jacksonville, Fla., and John L. Faryewicz, Olin Mathieson Chemical Corp., Little Rock, Ark.

4—Lithographic Technical Foundation sponsored a display in Kansas City in which are pictured William H. Webber, LTF executive director, New York, and Paul J. Hartsuch, assistant director of research, Chicago, with Herschel A. Wren, technical supervisor of Graphic Arts, Taylor Publishing Co., Dallas.

5—One of the new Kenro cameras is explained by Kenneth Beattie of Kenro Graphics, Inc., to Robert Ellis and Norris S. Hinkle, both of Western Newspaper Union.

6—James Dickeson, General Binding Corp., explains the intricacies of binding to Gene Stewart, industrial representative, and Donald Richards, publications editor, both of the Kansas Industrial Development Commission, Topeka, Kan.

tween the water and ink rollers. He also added that the water is never allowed to go through an ink nip.

Among the advantages which he claims for his water system are: less wear on the plate since there is no water roller to abrade the surface; fewer hickies to contend with because there are no water roller covers; no color contamination from the dampening system; and the water does not have to be worked up after a period of press idleness.

A distinction between estimating and pricing was made by Edward W. Armstrong, plant manager, McCormick-Armstrong Co., Inc., Wichita, Kan. In his address, Armstrong described estimating as the process of accurately determining the value of a specific job as it would be produced. He defined pricing as a function of top management which may be based upon many factors in addition to the figures given him by the estimator, such as the desirability of that particular job in the plant at that time, the competitive situation, sales problems, etc.

The president of Printers' Sales Idea Service Co., Walter B. Graham, Omaha, Neb., urged his audience to get out from under competition by entering the creative printing field. Feeling that this is an area where everyone can thrive, Graham stressed the concept of giving to the customer ideas and printing which the customer can use to increase his sales.

### QC at Litho-Chrome

J. Tom Morgan, jr., president of Litho-Krome Company, Columbus, Ga., delivered an address dealing with quality control as achieved by his organization. In his discussion he outlined steps to take in order to arrive at a common communications basis in all operations. The steps were in the form of standardizing on tone percentages. Since a tone percentage has a variety of meanings to different people, a step wedge of the various tones was prepared for the various departments.

The densities of each step were measured and referred to by plant personnel by the density number. The step wedge was printed in colors at strengths which were uniform in density to each other. At this point the colors were overprinted and a chart prepared which was distributed to sales personnel and others concerned. Morgan said that the company could be assured of duplicating faithfully any color on the chart by taking note of the tones involved.

He specified that to be of any value, the chart must be lithographed on various types of paper because the densitometer readings will vary from paper to paper. He continued: "It is required that, when speaking of a tone value or a color value, we speak in terms of the paper stock to be used in the production. Once we know the stock that will be used, we can set about the business of charting our original color copy in a breakdown of tone values that is meaningful in the language of our color control team."

In order to achieve color control, Morgan indicated that it is necessary to start with the preparation of copy and maintain a tight control utilizing the procedure described above in conjunction with other necessary controls now on the market such as light integrators, time and temperature development controls, sensitivity guides, densitometers, etc. In this fashion, the color of the resulting press run will be close to that of the original.

**Among the 2000 Who Toured the Litho Equipment Show in Kansas City**

(All names read from left to right)

**1—The Formliner light table is demonstrated in this picture by Howard Nack, Hamilton Mfg. Co., for Joseph O. Morrison, manager, Offset Div., Lanman Engravers Co., Washington, D. C.**

**2—Looking over an example of Monotype composition are Nelson Griswold, Lanston Monotype Co., and Maurice Cooper, general plant manager, Graphic Arts of South Dakota, Sioux Falls, S. D.**

**3—Carl M. Shrader, supervisor, photo reproductions, National Geographic Society, Washington, D. C., and Stan Pentecost, R. W. Borrowdale Co., discuss cameras at the Borrowdale exhibit.**

**4—Paper problems were discussed by Fred Habenicht, Oxford Paper Co., and O. Linnell, of the research department, R. R. Donnelley Co., Chicago.**

**5—Studying material at the Robertson exhibit are Thomas Kennedy, Robertson Photo-Mechanix, Inc., and Edward Adams, Linotype instructor, State School of Science, Wahpeton, N. D.**

**6—Visiting at the Chemco Photoproducts Co. display were Kenneth McNeil, Chemco; Dallas Mostrom, camera foreman, Western Printing & Litho, Hannibal, Mo.; A. J. Powers, Chemco; and Philip E. Tobias, Graphic Arts consultant, Philadelphia, and president of TAGA.**

**7—A group at the Ortman-McCain exhibit includes R. L. Ingraham, Western Paper Co.; Ronnie Bean, Tom Felgen and Lee Price, all of Ortman-McCain Co.; William J. Bloemer, jr., and Ralph Paker, both of Western Paper.**

**8—Two Kansas City printers examining literature at the Polychrome booth are Charles Carpenter, litho foreman, Inter-Collegiate Press, and Victor Nelson, litho supervisor, Artmaster Yearbooks, Inc.**

Advances in research by Lithographic Technical Foundation were reported by Otis E. Wells, Western Lithograph Co., St. Louis. Disclosing that work had been approved on 20 different projects, Wells stated that these are split into four research divisions: (1) photography and color reproduction; (2) physics and quality in lithography; (3) metals and surface chemistry for platemaking; (4) paper and ink and their press relationships.

Wells indicated that there is a much better understanding among lithographers of the relationships between paper and ink and the importance of using balanced inks. He then defined balanced inks as ". . . ink pigments or colors that are balanced in their color errors. What this means is that when you use these inks, simple masking procedures can do a much better job of color correction."

The speaker said there is lack of understanding among lithographers of the principles of photographic masking. He suggested the reason for this can be traced to the recommendations for masking which are made on the basis of "average" plant conditions. Since these are "average" conditions, he said they will not fit any plant.

According to Wells, a recent study was performed on the effects of colored paper on printed reproductions. It was found that these papers did have a definite bearing on the printed result, especially on ivory enamels and the new papers which contain optical brighteners. He reported, however, that the cast coated papers are neutral and have no effect on the color tones.

Another research project has disproved any advantages claimed in the use of trick halftones made with multiple screens or at multiple angles.

Control instruments have been an important part in LTF research. "Considerable work," he stated, "has been done on developing ways to measure the things that define quality." He then described an instrument which will measure sharpness, tone reproduction, color reproduction, and interference patterns. Wells indicated that recent work has been concerned with modifying the instrument so that it can be used for high speed scanning of sheets on the press.

In the press relationship fields, research is being carried on in order to see how the properties of ink and paper affect the operations of the press. Wells stated, "If we are to eventually have complete control over our lithographed products then we have to be able to control the raw materials that we use."

Cal D. Harman, advertising manager, Lithoplate, Incorporated, disclosed that a new 58 in. by 77 in. presensitized plate is to be marketed in January. He claimed an average of 65,000 impressions could be obtained from this giant size plate.

In 1960, E. B. Fritz, vice president, Azoplate Corporation, said lithographers could expect to get consistent runs of 100,000 from presensitized plates, see an increased used of positive working plates, and will be offered a projection plate that works directly from the camera to plate.

Karl L. Thaxton, technical investigator, Graphic Arts Sales Service, E. I. du Pont de Nemours & Co., Inc., explained an experimental

(*Continued on Page* 104)

### NAPL Convention Pictorial

**(All names read from left to right)**

**1—A group of speakers at one of the sessions includes: Otis E. Wells, president, Western Lithograph Co., St. Louis; Oliver F. Ash, jr., partner, Conner, Ash & Co., St. Louis; Edward W. (Pete) Armstrong, plant manager, McCormick-Armstrong Co., Wichita, Kan.; Frank R. Turner, jr., cost accountant, NAPL, New York.**

**2—NAPL officials pictured in a relaxed moment are Walter E. Soderstrom, executive vice president, New York, and J. Tom Morgan, jr., vice president, who is also president of Litho-Krome Co., Columbus, Ga.**

**3—A conversational group at the Anchor Chemical Co. booth includes Anton Seemann, Interchemical Corp., Printing Ink Div., and Al Berliner and Martin Hollender, both of Anchor.**

**4—At the Densichron booth were Lester R. Evensen, Densichron Corp., Arthur B. Kvarme, executive vice president, and Philip C. Smith, president, both of Walker Engraving Co., San Francisco.**

**5—A miniature railroad display held the attention of crowds at the Roberts & Porter booth. It was used in a contest to guess how many miles R&P salesmen traveled last year. Onlookers are Ray Regissart and Charles Bohrer, Roberts & Porter, Inc.; and Dick Smart, Eastman Kodak Co.**

**6—The Headliner photolettering machine receives the attention of Otis L. Hamilton, press superintendent, Community Press, Orem, Utah; Donald Maxfield, Vari-Typer Corp.; and Robert H. Rollins, art director of Community Press.**

# Prevention of Ad Galley Chaos

In newspaper composing rooms, most composed advertisements are stored temporarily in galleys awaiting OK from the proofreader and/or advertiser. The galleys are numbered either with a linecomposing machine slug riveted to the front inside galley wall, or a slide number proof bearing the number may be cemented outside the front galley wall. The idea, of course is to provide quick location of the ad on the galley when it is time to correct the ad or to insert the corrected ad in the page form.

Use of the linecomposing slug bearing the galley number automatically carries with it the galley number on the proof. In this way, the printer is relieved of the necessity for marking the galley number on the ad proof. This system works fine so long as there is only one composed ad per galley.

When it is desirable to place several ads on one galley and the dispatch department tears the proofs apart for submission to the advertiser or for possible correction in another department, some proofs may end up without the slide numbers. In such cases, chaos sets in.

The problem can be solved in two ways. The first solution would be to have 30 pica, 12 pt. slugs with galley number of each and place one numbered slug at the *head of each ad* in the case of double column ads. In this manner, the galley number slug being wider than the ad, the makeup man couldn't insert the galley number slug in the form. Should the dispatch department tear apart each ad proof, the galley number would remain with each torn section of the proof.

Another method (and perhaps the preferred one) is to cast a number of 30 pica, 12 pt. slugs, bearing the galley number, each number spaced 6 picas or so apart. Then the slugs can be riveted or cemented inside the right hand galley wall the full length of the galley. (A suitable cement for fastening slugs to galleys is Goodyear's Plioband; also available is a dilutent in case it is desired to remove the numbered slugs from a galley.) The galley number repeated one or more times (according to depth of the ad) would appear on the ad proof no matter how many ads have been placed in the galley. — *Warren Stremming, night composing foreman, Des Moines* Register *and* Tribune.

### GOODBYE TO PACKLESS MAT SINKS

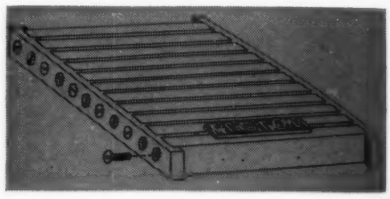
We are using packless stereotype mats entirely and wouldn't consider returning to the standard mat. However, we do have a problem occasionally, the remedy for which we would like to pass along.

While all of our plates are shaved carefully and underlaid as required in relation to type high, we end up now and then with a low illustration in the mat. This is caused by a cut being shaved with a chip under it or by a shifting underlay. When this occurred during our use of the standard mat we simply rubbed out the sink. This procedure is not possible with packless mats.

With the packless mat the low spot in the plate is located on the back of the mat. With a sharp knife the mat is scraped to make it thinner at that point. The spot is then dampened a little just before the cast is made. We have used the method for sinks up to 3 col. width by ½ in. deep.—*Buck Taylor, Foreman Press-Stereo Dept., Traverse City (Mich.)* Record-Eagle.

### LUDLOW SLUG PROOF FIXTURE

In our plant we set a considerable amount of display headings for college and high school yearbooks.



Previously, these Ludlow slugs were spaced out at the machine to measure-width by the compositor, tied up, put on a galley and taken to the proof press. After the reproduction proofs were taken, the type matter was stored in the galley rack.

With the fixture illustrated here each slug is placed in one of the slots as it is cast. When a sufficient number of slugs have been placed in the fixture, the fixture is taken to the press for reproduction proofing. Considerable time is saved through elimination of line-width spacing as well as economy in handling time. — *Donald J. Schmid, Wm. J. Keller, Inc., Buffalo, N. Y.*

### WHEN WOOD BASES WARP

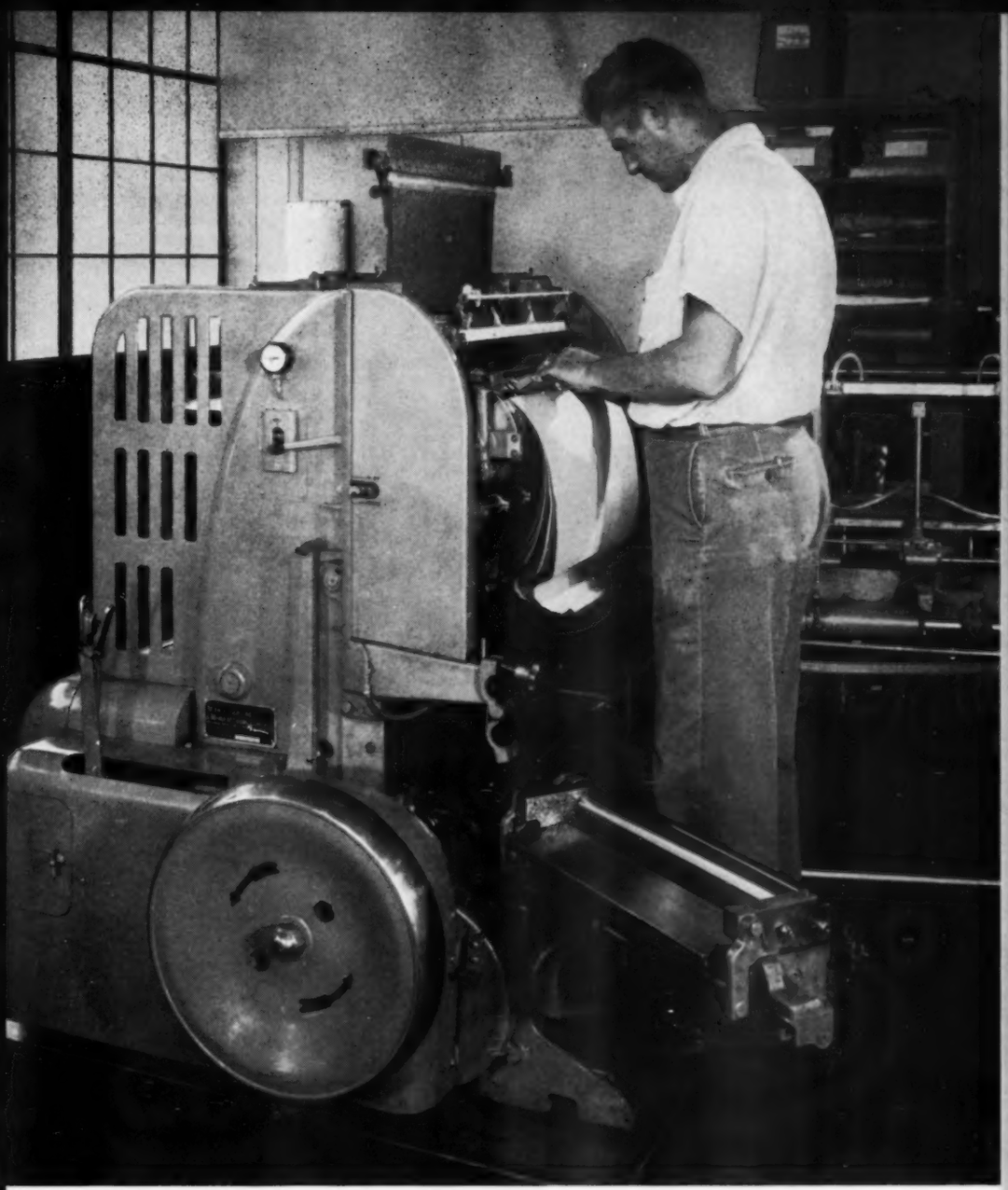
When the wood bases of large plates warp or lock up unevenly, a few saw cuts in the wood will help overcome the problem.—*Lou Waldman Printing Co., St. Louis. Courtesy Kimberly-Clark Corporation.*

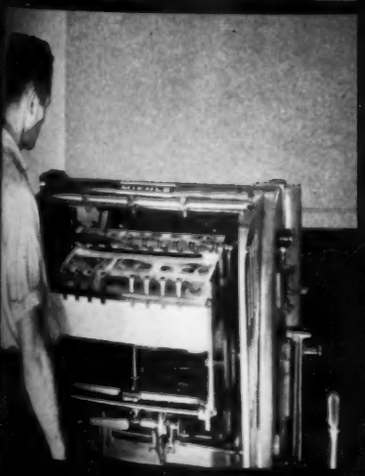
*Let's Talk Operating Ease...*

MIEHLE

V-50

VERTICAL





## Stand-up Operation Speeds Makeready... Saves Changeover Time...Increases Production

The Miehle V-50 Vertical's set-up and operating convenience is unmatched by any other job commercial press.

**Stand-up makeready convenience**...the cylinder is right there at chest height for fast makeready and getaway...no stretching or straining from one side or the other.

**Stand-up changeover convenience**...feeder is loaded and adjusted quickly for stock changes...delivery joggers, too, are easily reached and set.

**Stand-up delivery convenience**...inspection sheets or finished loads are removed without strain...no bending or squinting through a maze of guards to check quality.

Increase your production. Contact your Miehle representative for all the details of "stand-up" operation and accessibility on the Miehle V-50 Vertical...*the only true job commercial press.*

**THE MIEHLE COMPANY**

A DIVISION OF MIEHLE-GOSS-DEXTER, INC.

CHICAGO 8, ILLINOIS

*For More Information Circle 117 on Reader Service Card*

**Chicago Associations Move**—Printing Industry of Illinois and Franklin Association are moving to new headquarters in Chicago's Graphic Arts Building, 12 E. Grand Ave., in January. Shown, left to right, are: James Ryan, general manager of PII; John H. Goessele, jr., president, C. O. Owen & Co. and president of PII; George M. Houlihan, general manager, Franklin Association; and Clifford B. Martyn, president, National Printing and Publishing Co. and president, Franklin Association.

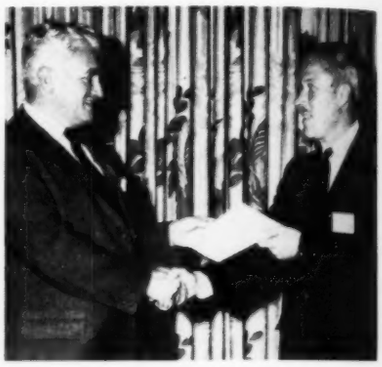
# GRAPHIC VIEWS

## of the Printing Industry

**Ludlow Estimating Contest**—The Ludlow operator is setting an ad by the Ludlow system as part of the estimating contest held by Ludlow Typograph Co. at the Graphic Arts Exposition. The average time for setting and making up this job by using single type was 1 hr. 31 min.; whereas, it took 12 min. 12 sec. to do by the Ludlow system. At left is contest judge, Edward H. Owen, editor of PRINTING PRODUCTION; at machine is John Johannson; far right is Robert W. Buckley, Ludlow sales manager.

**N. J. Firm Installs ATF Cutter**—Joe Hibbert (left), plant superintendent, and John Behlen (center), bindery foreman, Hibbert Printing Co., Trenton, N. J., watch as an operator cuts the first lift on a 52 in. ATF Senator cutter. The electronic spacer on the cutter is said to record and repeat as many as 16 different jobs.

**The 100,000th Heidelberg**—The 100,000th Heidelberg printing press manufactured by the German firm of Schnellpressenfabrik AG Heidelberg is delivered to E. A. Stanley, jr., (right), president of Bowne & Company, Inc., New York City. Proceeds from the sale were donated to the Education Council of the Graphic Arts Industry. Anthony G. Cunningham, C. I. T. Corporation, holds a commemorative medallion, which he is presenting to Samuel M. Burt (center), managing director of the Council.



**PIA Training Institute**—Walter McArdle (left), president, McArdle Printing Co., Washington, D. C., and president, Printing Industry of America, presents a certificate for completing the first national training institute in PIA's new management service, *Managing Your Business*, to Harry Gardner, vice president, William G. Johnston Co., Pittsburgh. The presentation was made in Chicago during a recent PIA conference.

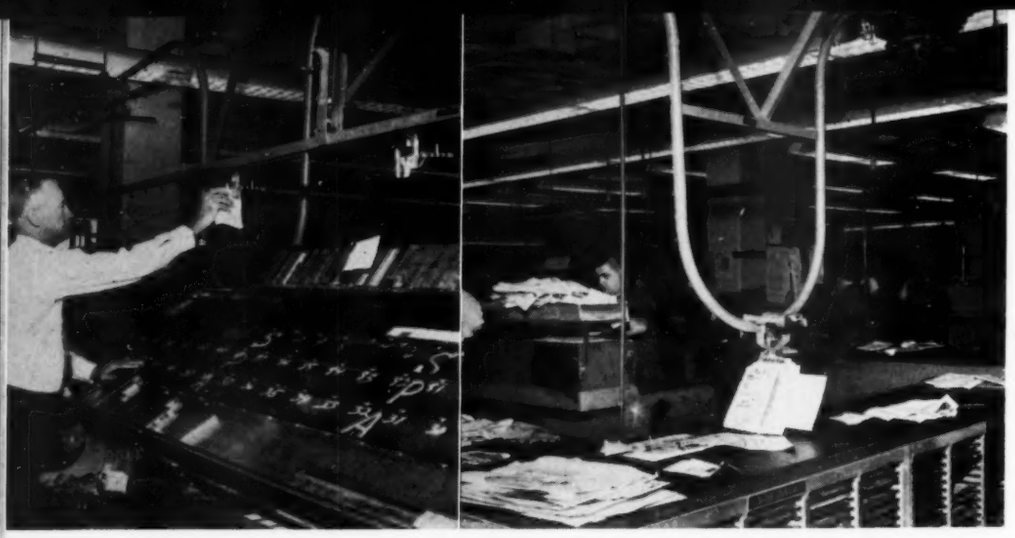
**25th Anniversary of Jones Press**—Celebrating the 25th anniversary of the founding of Jones Press, Minneapolis, are Noble K. Jones, the founder, and his wife, Mrs. Jones, who was the original secretary of the company.

Imperial quality and service designed to keep customers off this spot—have been doing so for 47 years.

Imperial Type Metal Company
CHICAGO 50 • NEW YORK 7 • PHILADELPHIA 34
*Imperial Type Metal Quality and Services are beyond duplication

Imperial

For More Information Circle 93 on Reader Service Card



**Left: Production Mgr. C. Stanley Whyte, Boston *Herald* and *Traveler*, demonstrates how copy and proofs from the composing room may be engaged by a Hy-Clip for delivery to the proof room. In picture at right the Hy-Clip is releasing proof and copy at the ad alley station.**

# Copy-Proof Conveyor System

IN the Boston *Herald* and *Traveler* composing room a selective copy and proof conveyor system has been installed and is in regular production operation. The conveying system is connected, endless belt fashion, with the news bank and ad room both connecting with the proof room. The total distance of the circuit is 200 ft.—100 ft. each way.

The Hy-Clip conveyor system consists of a continuous chain enclosed in 1⅝ in. diam. slotted steel tubing. Projecting through the slot in the tubing are pendants on 6 in. centers. To the exposed end of the pendants are attached spring loaded clips which convey copy and/or proofs from the news bank or ad alley and take them to the proof room; likewise, when the proof readers have finished their task, the proofs and copy are returned to their respective stations at ad alley or news bank where they are released automatically from the clip and are free to drop by gravity into a tray or other receptacle.

Attached to the movable jaw is a tripping arm with selective positions for the movable pin that determines at which station proof and copy are to be deposited. At each delivery station is a fixed cam which contacts the Hy-Clip tripping pin which opens the holding jaws to discharge the proofs and copy.

The conveyor can be installed in any type of configuration—vertical or horizontal, or at curve or angle in elevated positions—as required, as well as dropping down to convenient height for sending or receiving functions.

The spacing of the Hy-Clips can be any multiple of 6 in., depending upon the amount and frequency of conveyor duty.

The conveyor is in constant motion during a working shift.

The Hy-Clips in the conveyor travel at 45 ft. per min. In the composing room installation slightly over 2 min. are required to send proofs and copy to destination. Each of the two systems mentioned is driven by a ½ h.p. motor.

An additional Hy-Clip conveyor system is being installed between the circulation department and the truck loading platform at the *Herald* and *Traveler* plant. This installation will be used to carry the many subscriber starts, stops, address changes and quantity changes in papers to those directly involved with daily deliveries. The primary purpose is to eliminate work interruptions to circulation personnel who otherwise would be compelled to leave their desks frequently to deliver the messages. This special installation is over 200 ft. long.

THE NEW MARCH OF DIMES
NF
THE NATIONAL FOUNDATION

### LPNA Announces Opening of Litho Awards Competition

The Lithographers & Printers National Assoc. has announced the opening of the 10th Anniversary Lithographic Awards Competition and Exhibit to more than 35,000 lithographic plants, printing buyers, and trade associations.

The 1960 awards competition will offer greater recognition to material produced by a combination of processes. There have been five classifications established for this combination material which include point of purchase displays, books, greeting cards, decals, and packaging material.

Both LPNA members and non-member lithographers may enter. The entry fee for members is $5 while the fee for non-members is $10. Final deadline for the receipt of entries is Jan. 18, 1960. More information may be obtained by contacting the Lithographers & Printers National Assoc., 597 Fifth Ave., New York 17.

### Offers Printing Week Cuts

Type cuts of the 1960 Printing Week logotype are available from any branch of American Type Founders Co., or from any authorized ATF type dealer. The logotypes are intended for use on letterheads, envelopes, direct mail pieces and other printed matter to help in the promotion of Printing Week. The logotype, designed by Emil George Sahlin, shows an ink ball used in the early days of printing to apply ink to the surface of a type form. In the upper right hand corner is the colophon of Fust & Schoeffer, first known printers' mark and official symbol of the Intl. Assoc. of Printing House Craftsmen. Printing Week will be celebrated January 17-23.

1960 PRINTING WEEK January 17-23

### Florida Craftsmen's Club

Printers in the Pinellas County area of Florida are supporting an organization for the purpose of obtaining a charter from the Intl. Assoc. of Printing House Craftsmen. Robert Linn, Widere & Smith Printing Co., St. Petersburg, is temporary chairman of the group.

# Newspapermen in Great Lakes Area Will Talk Production at Milwaukee

Current developments and problems in the newspaper mechanical field will be dealt with at the 15th Great Lakes Newspaper Mechanical Conference to be held Jan. 17-19 at the Hotel Schroeder, Milwaukee. Included will be discussions on packless stereotype mats, ROP color, control of ink misting and photocomposition techniques.

A substantial audience representing both dailies and weeklies in the Great Lakes area is expected to attend the three day meeting which will again feature an exhibit of the latest in equipment and supplies for the newspaper field. More than 30 companies have reserved space in the show area of the hotel.

### Session for Machinists

President Arthur F. Goetz, Milwaukee *Sentinel*, will preside over the conference which begins with a session for composing room machinists, Jan. 17 at 9 a.m. Chairman of the session is Vic Anderson, London, (Can.) *Free Press*; and co-chairman is Joseph Schoch, Green Bay (Wis.) *Gazette*.

At the meeting for non-metropolitan newspapers on the afternoon of the 17th, Horace Parker of the Richmond (Ind.) *Palladium-Item* will present a talk on a control system for ink mist. John Meyer, Madison (Wis.) *Capital Times* and Lawrence Brune, Hamilton (O.) *Journal-News* will preside.

Four speakers will be heard at the Composing Room Session at 9 a.m., Jan. 18. Among the topics scheduled for discussion are research, classified advertising, and economics in the composing room. Virgil Perkins, Cincinnati *Post, Times-Star*, will serve as chairman; Richard Hoffmann, Milwaukee *Journal*, as co-chairman.

The Engraving and Mailroom Sessions will be held on the afternoon of Jan. 18 and the Pressroom Session will be held the morning of the 19th—all three are to have interesting, varied programs, according to their chairmen.

John Dalton, Indianapolis *Star-News*, is chairman, and Harvey Martens, Milwaukee *Sentinel*, co-chairman of the Engraving Session. Chairman of the Mailroom Session is George Murray, Detroit *Free Press*; co-chairman is Elmer Smith, Indianapolis *Star-News*. Presiding over the Pressroom Session will be Everett Hall, Detroit *News*; his co-chairman is John Ulk, LaCrosse (Wis.) *Tribune*.

The conference will close with a Stereotype Session at 1 p.m., Jan. 19. Serving as chairman of this meeting is Erwin Giannoni, Chicago *Tribune*, and as co-chairman, Ferd Mier, Detroit *Free Press*.

### M-G-D Corporate Headquarters

A building which is to serve as corporate headquarters for Miehle-Goss-Dexter, Inc., is being erected in Chicago next to the Goss plant. Corporate officers, their assistants, and a marketing and research team for studying industry needs and recommending types of equipment to fill the needs will be housed in the new building.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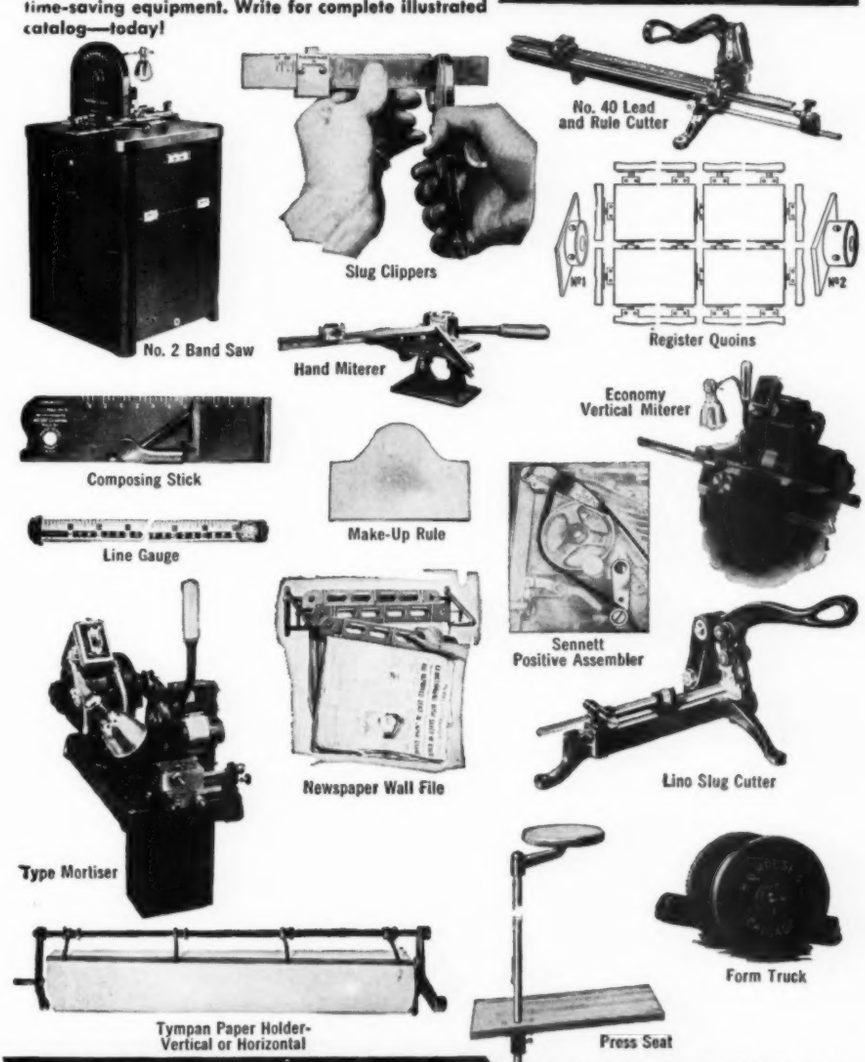
Rouse PRODUCTS

For absolute accuracy and extra profits, order Rouse time-saving equipment. Write for complete illustrated catalog—today!

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50 YEARS OF SERVICE TO THE PRINTING INDUSTRY

For More Information Circle 152 on Reader Service Card

# it's not true...

★ That Sheridan bindery machines are built to suit the requirements of only the largest edition, publication or trade binders.

★ Nor is it true that the cost of Sheridan equipment places it beyond the reach of the smaller bindery.

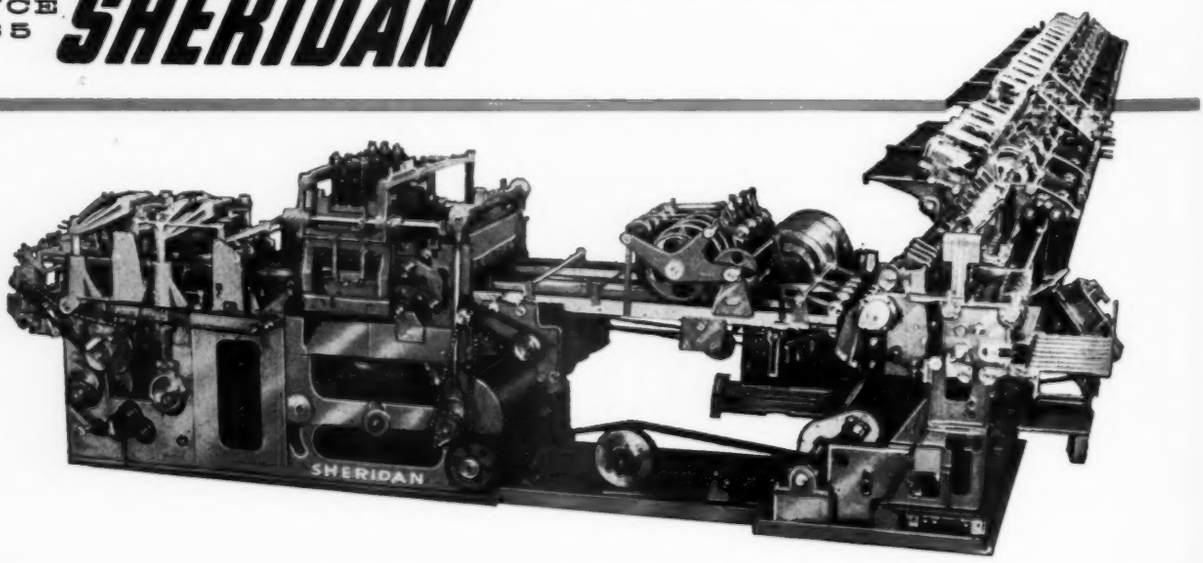
## THE TRUTH IS...

★ That Sheridan machines are built to satisfy the needs of all binderies, small or large, short run or long. The Sheridan automatic saddle binding equipment, for example, is available in a wide variety of combinations and sizes based on continuing industry-wide studies of bindery equipment and requirements.

★ Sheridan automatic saddle binding equipment is priced right in comparison with any other similar machinery available . . . and only Sheridan offers the added values of high hourly production for lowest cost/thousand, of a heavy-duty stitcher for higher product quality and lower operating costs, of quick-set adjustments for minimum change-over time that make short runs practicable and profitable.

So . . . before you purchase any equipment, call in your Sheridan representative. Get all the facts. Let him show you the right Sheridan combination for your needs . . . the way to increase profits. The T. W. & C. B. Sheridan Co., 220 Church Street, New York 13, New York.

SINCE 1835 **SHERIDAN**



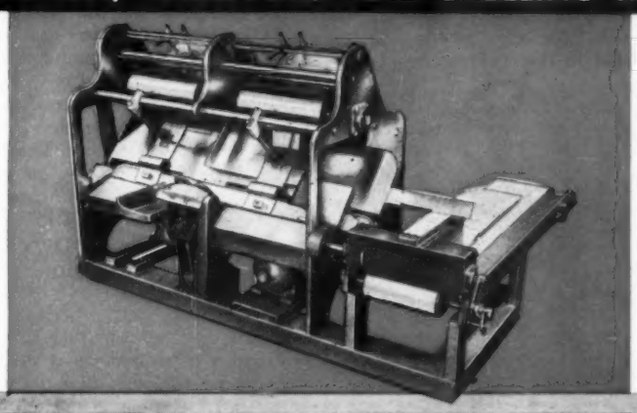

*For More Information Circle 157 on Reader Service Card*

# ...and here's the MAGNACRAFT line!

**HIGH SPEED PERIODICAL TIP-ON, WRAPPING AND LABELING MACHINES**

## SR-1 TIPPING MACHINE

Applies tip-ons at speeds up to 7,000 per hour. Only one operator needed. Dead-on accuracy always. Handles tip-ons up to 12"x18". Also available in a 3-pocket model that tips to both sides of signature in one operation.



PERFECT REGISTRATION

POSITIVE FEED

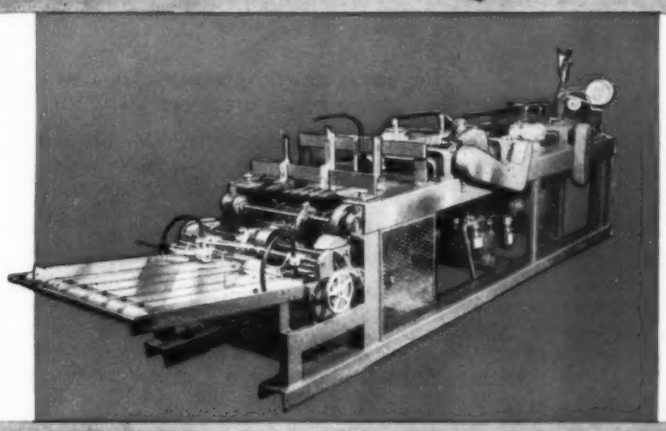
TIP-ONS 12"x18"

SIMPLE ADJUSTMENTS

ONLY ONE OPERATOR

## MODEL E WRAPPING MACHINE

Wraps and/or labels magazines (Flat-wrap, Fold-wrap or Band-wrap) at high speed, uniformly tight and neat with label accurately placed. Will label single sheets; or wrapped or unwrapped magazines up to 1¼" thickness. Compact (12'x3') . . . easy to set up and operate. Larger, faster models available.



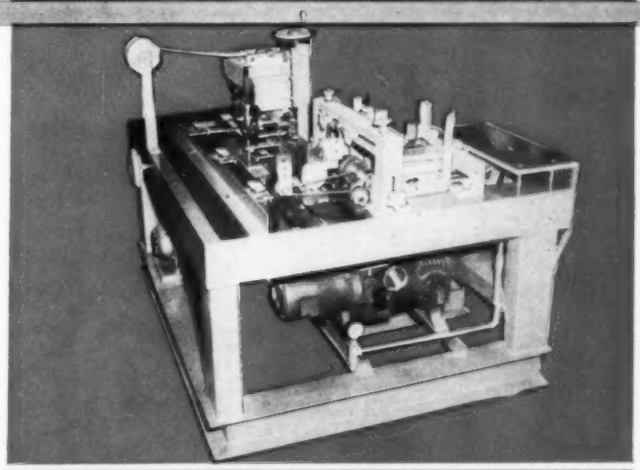
FLAT-WRAP

FOLD-WRAP

BAND-WRAP

## ROTARY LABELING MACHINE

An extra-high speed, high production rotary cross feed labeling unit. Capable of top-precision performance at speeds up to 18,000 per hour. Equipped with dual-purpose labeling heads for handling either or both electronic and standard strips. Also available with straight feed; or with both cross and straight feeds.



HIGH SPEED

PERFECT LABEL ALIGNMENT

ASK US for details on any or all of these cost-cutting units. No obligation. Write today.

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*For More Information Circle 109 on Reader Service Card*

# EQUIPMENT & SUPPLIES

**If you wish additional information concerning equipment, supplies, and/or technical literature, please make your request on *Printing Production's* Reader Service Card to be found in this issue.**

### CONTINUOUS FORMS PLATEN PRESS FOR SHORT RUN PRODUCTION

A continuous forms press designed for short run production (usually under 15,000) has been added to the equipment

line of Brandtjen and Kluge, Inc. Known as the A-K Continuous Forms press, the unit consists of a forms feeder attached to a 12 in. by 18 in., four form roller platen press.

The stock, zig-zag folded and placed between the legs of the bed is drawn up over the face of the platen by two pin wheels that control the feed and register. Correction for register, either vertically or horizontally, does not require relocking the forms.

According to the company, the press will print any edge-punched form from 2½ in. to 19 in. wide and from 3 in. to 17 in. advancement. Also, the unit can be used to crash imprint multiple part forms that have been collated. Circle No. 287 on Reader Service Card.

### TWO NEW TOP ENAMELS FOR POWDERLESS ETCHING OF ZINC

Developed especially for the zinc powderless etching process are two top enamels which have been announced by the Imperial Type Metal Co. Their names are Vitacoat, a plastic base enamel, and Vitacold, a cold top enamel.

Vitacoat is said to require less development and burn-in time at low temperatures of 325-350 deg. F. According to Imperial, this feature helps to avoid scum, zinc crystallization, stretch and buckling.

Vitacold is claimed to provide a hard coating for cold top type. Characteristics which are claimed for this product are low exposure time and no color loss. Both products are packaged in 1 gal. containers. Circle No. 251 on Reader Service Card.

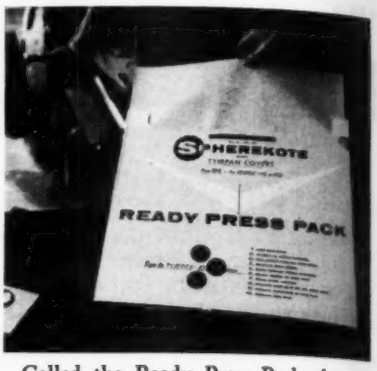
### ROYAL ZENITH INTRODUCES 19 x 25½ IN. SINGLE COLOR OFFSET PRESS

Royal Zenith Corp. has introduced a new single color offset press which will accommodate a maximum sheet size of 19 in. by 25½ in. Speeds of up to 8500 i.p.h. are claimed for the press. Other features include a Spiess stream feeder, three point register control with pull side guides, and swing grippers.

The press is equipped with an extra stripping cylinder which prevents tearing and slurring, and can also be fitted for scoring, slitting, and perforating. Paper range extends from 6 lb. tissue to 8 ply cardboard. Maximum printing area is 18⅜ in. by 25 in.; floor space is 55 in. by 86 in. Circle No. 278 on Reader Service Card.

### PRESS DISPENSING PACKAGE FOR SPHEREKOTE TYMPAN SHEETS

A press-side dispensing package for Spherekote brand tympan covers has been announced by Minnesota Mining and Mfg. Co.

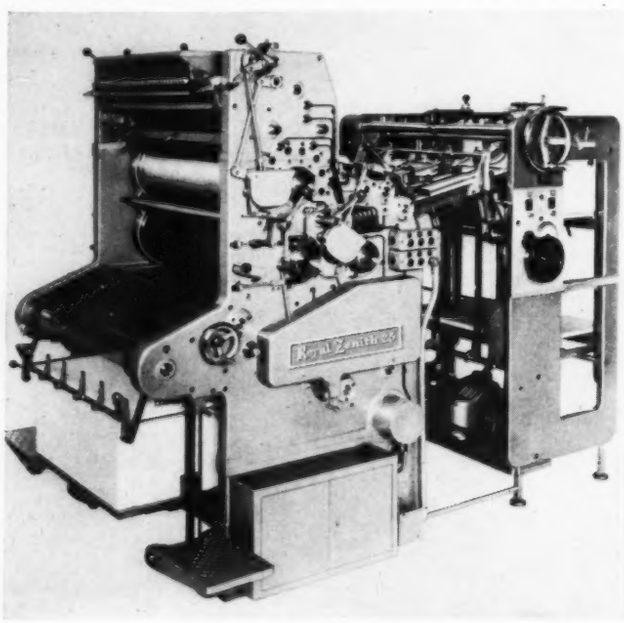



Called the Ready Press Pack, the new unit contains 50 cut and scored sheets of Type 17C Spherekote in the 20 in. by 22 in. size which will fit the Miehle V-45 and V-50 presses. Circle No. 254 on Reader Service Card.

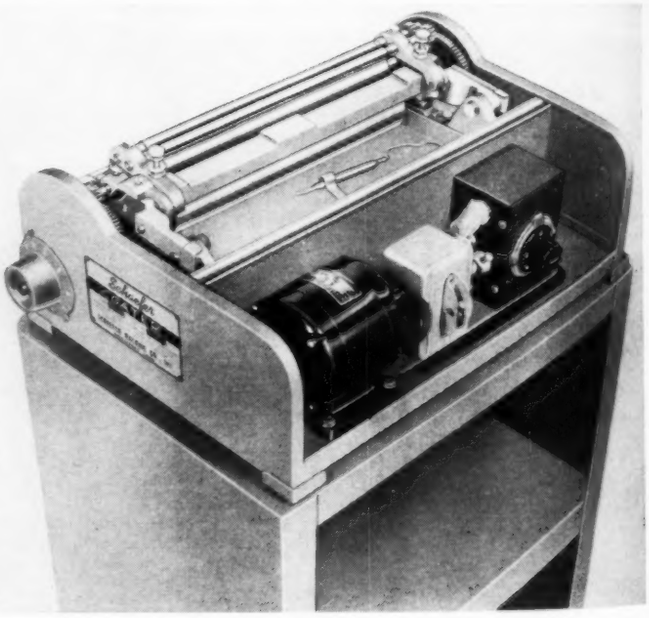
### ADHESIVE WAX PROOF COATER FOR PHOTOCOMPOSITION PASTEUP

An adhesive wax proof coater for use in photocomposition work, is being marketed by American Type Founders Co. Specially made to speed the pasteup of film and photo paper composition, the coater will apply hot adhesive wax to any shape of sheet from ¼ in. to 11¾ in. wide and to any length. The wax coated sheets can be used immediately for pasteups or can be pasted temporarily to light weight board and stored for future use.

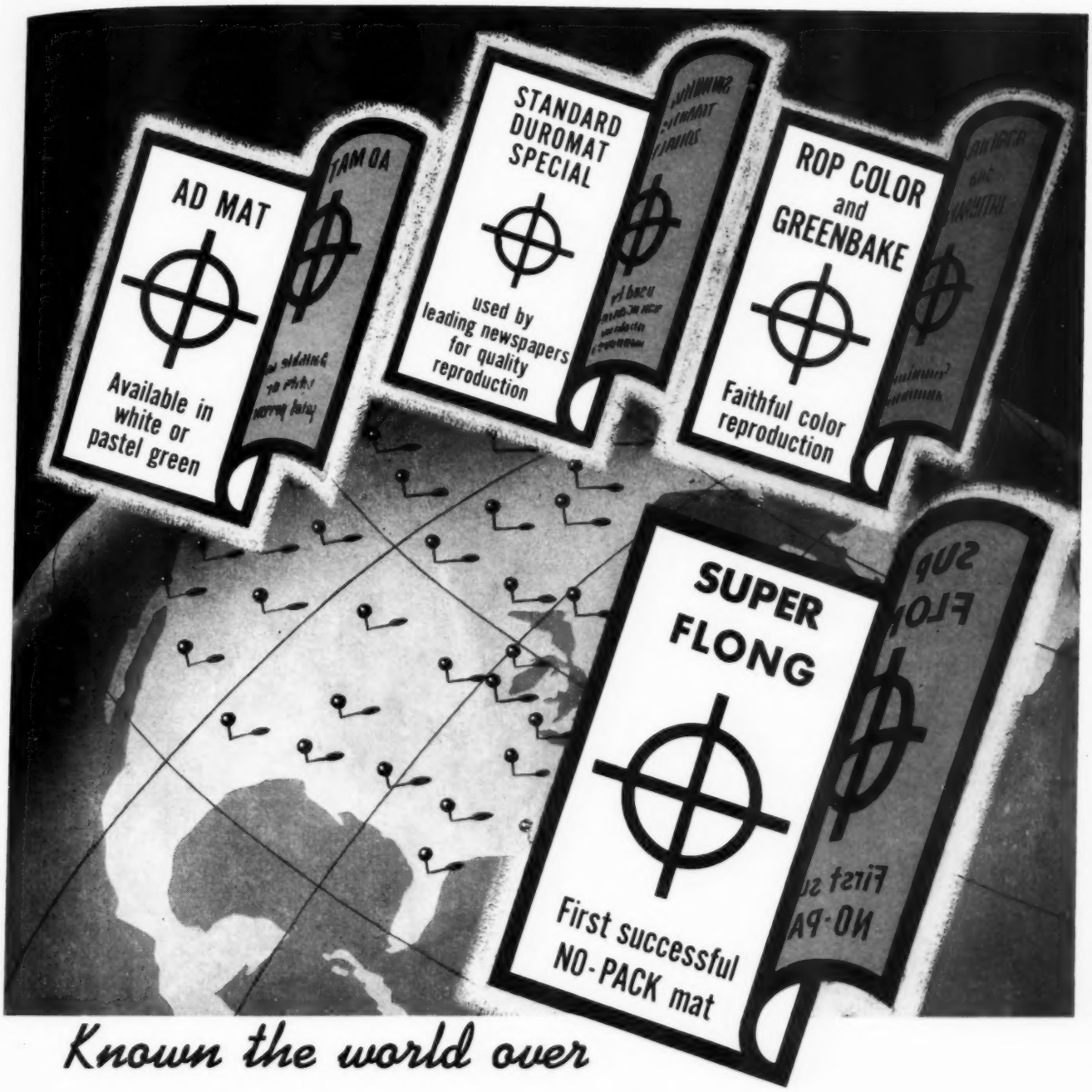
The adhesive waxes are clear and when applied to acetate sheets do not throw shadows to affect the photography, according to claims. The 12 in. Schaefer unit is equipped with a motor, electric heater and thermostat. Circle No. 276 on Reader Service Card.



**Speeds of up to 8500 i.p.h. are claimed for this Royal Zenith 25 offset press. Inking system contains four form rollers of different diameters.**



**This 12 in. Schaefer adhesive wax proof coater used in pasteup work for cold composition is now available through American Type Founders Co.**

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When it comes to mats of any type, for any purpose, Wood Flong's experience and scientific production control methods provide the *right* molding material.

Wood Super Flongs save time and money and improve printing quality. Contact us for full information.

WOOD THERMOMAT® the precision matrix with no progressive shrinkage for FLEXOGRAPHY

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**SERVING THE GRAPHIC ARTS INDUSTRY EXCLUSIVELY SINCE 1911**

Thermomat® is a registered trademark of Riegel Paper Corp., the manufacturer

*For More Information Circle 189 on Reader Service Card*

### PRESENSITIZED AND DIRECT IMAGE LITHOMASTER PLASTIC PLATES

The Lithomaster line of plastic plates and chemicals for small offset presses and duplicators has been announced by American Type Founders Co., Inc. The plates are available in 10 in. by 15 in. through 17 in. by 22 in. sizes, either as presensitized plates for photographic exposure, or as direct image plates for mechanical reproduction of copy. The plates have a thick white plastic coating on the working surface similar to lithographic stone, are packaged in quantities of 100, and may be used on standard commercial printing presses or regular duplicators.

The processing of the ATF Lithomaster presensitized plate is described thus: After the plate is exposed in the vacuum frame, the surface is wiped with the desensitizer and run on the duplicator or printing press while still moist. The image is visible upon exposure, making it unnecessary to develop or otherwise test a plate to see if it has been properly made. In all other ways the plate is handled the same as standard zinc or other presensitized plates. The plate is rated at 5000 copies though larger runs are possible under optimum conditions.

The direct image plate is designed for use primarily in offices, duplicating plants, and for short-run jobs. It is available in four grades: (1) short run, up to 500 copies; (2) medium run, up to 1250 copies; (3) long run, up to 2500 copies; and (4) zerox, up to 1250 copies. On the direct image plate, the image may be applied by means of a typewriter with silk ribbon, a one-time carbon paper ribbon, or any of a number of special pens, pencils, or crayons. Images of type, line cuts, and halftones may be applied by proving on any standard proof press. Chemicals for correction are available. Circle No. 282 on Reader Service Card.

### SELF INKING ATTACHMENT FOR NOLAN PROOF PRESSES

An attachment for the self inking of forms on proof presses has been developed by Nolan Corporation. Designed

for its Models 2 and 3 proof presses, the motor driven ink cylinder and carriage is rolled over the form manually, then returned to its position on the vibrating ink cylinder. The impression is taken by rolling the impression roller over the form.

The ink train consists of an oscillating 5 in. diam. steel distributing cylinder, three composition form rollers, and two steel form rollers. According to the manufacturer, the inking rollers require no adjustment for height, and roller settings are controlled by trucks. Circle No. 275 on Reader Service Card.

### OFFERS NEW PROOF PRESS; MAKEUP, PASTEUP AND LIGHT TABLES

Four new products for the composing room have been introduced by Foster Mfg. Co. This equipment includes a 20½ in. by 24½ in. proof press which features an adjustable cylinder, automatic ink distribution and washup. The second piece of equipment is an ad makeup frame which holds 15 compartments for material storage as well as being fully adjustable in length.

A Formica cold type pasteup table provides an adjustable slope working surface, storage cabinet for pasteups, cutting board and drawer. The remaining piece of equipment is a light table scribed in pica squares with scales on all four sides. Three shelves are provided beneath the working surfaces. Circle No. 272 on Reader Service Card.

### 110 AND 200 LINE CONTACT SCREENS MADE AVAILABLE IN NEW SIZES

Caprock Developments has made the 110 and 200 line ruling contact screens available in sizes from 8 in. by 10 in. to 23 in. by 29 in., including the 23 in. by 29 in. pre-angled size. The 200 line ruling is said to be of use to those who use projection methods or who require detail in large color jobs. Circle No. 250 on Reader Service Card.

**STAR V-BELT MOTOR DRIVE**

Designed for compactness, long life, and operator safety, this replacement unit can be installed without difficulty on any model Linotype or Intertype. It is safely mounted where feet cannot contact moving pulleys or belts. The enlarged belt contact area on the Star-designed drive shaft pulley means more power delivered to the machine.

**the STAR drive features:**

- A variable speed pulley that can be locked at any desired speed.
- An adjustable motor support that provides vibration-free operation.
- Uses the same size endless V-belts for all speeds.
- Greater belt contact area means greater transmission power.
- Heavy-duty capacitor motor means longer life and reduced maintenance.

Send for this new brochure which gives full information.

Precision TRADE ★ MARK Parts

**STAR PARTS, Inc.**
SOUTH HACKENSACK, N. J.

**BRANCH:** 1327 BROADWAY, KANSAS CITY, MO. **AGENCIES:** CHICAGO · MINNEAPOLIS · LOS ANGELES DENVER · SO. ACTON, MASS. · STAR PARTS (LINECASTING) CANADA LTD. MONTREAL AND AGENTS OVERSEAS.

*For More Information Circle 168 on Reader Service Card*

# "Changing inks‡ on the COLOR-MATIC is as easy as reaching for a tray of ice cubes"

*‡Changing inks on the COLOR-MATIC is a matter of seconds! The convenient ink container plugs into place with the ease of replacing an ice tray!*

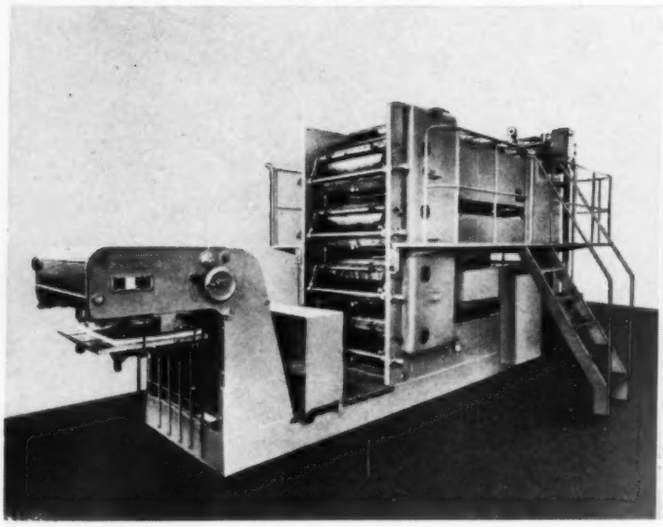
Some things in life are *really* easy. *The newest of these is changing inks on the* COLOR-MATIC*! When you see it done, you'll say, "Great Day, why didn't somebody think of that one before!" This means that the headaches of inking, so common to earlier presses, have been, with the advent of the COLOR-MATIC, lifted right out of the pressman's life forevermore! For now, the already famous Hoe inking system has been streamlined to the ultimate on the COLOR-MATIC, and the outlook is for trouble-free inking days for the pressman from now on in. Why not look into the *many,* really revolutionary new features of this famous new press unit? Just call your Hoe man today to see it!

*TRADEMARK

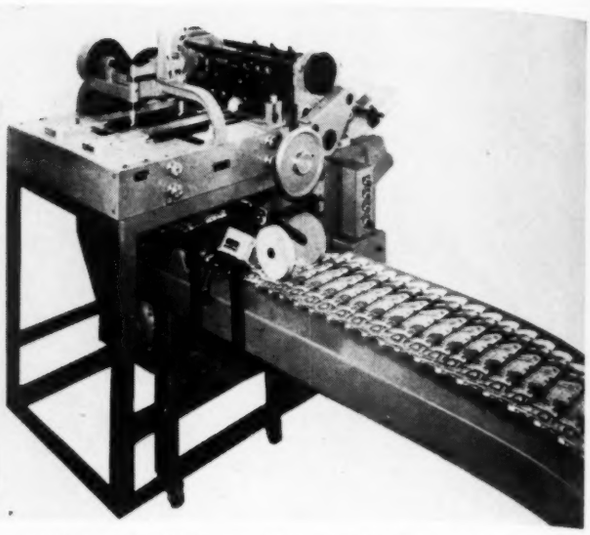
**R. HOE & CO., INC.**

**910 East 138th Street • New York 54, N. Y.**

SALES OFFICES: NEW YORK • BOSTON • CHICAGO • DALLAS • MIAMI • SAN FRANCISCO



The new Cerutti four color sheetfed rotogravure press features a traveling gripper bar which carries each sheet through the four printing cylinders.



The Seal-O-Matic folding machine for handling tabloids is wheel mounted for use in various locations in the plant. Speeds of 12,000 quarter-folds per hour are claimed for the unit.

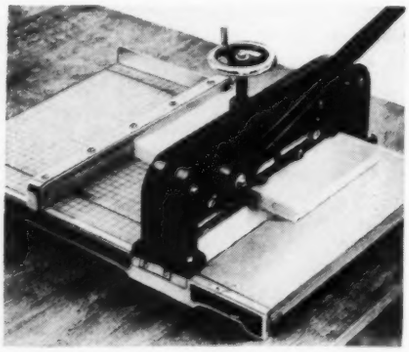
### FOUR COLOR ROTOGRAVURE PRESS

Cerutti Presses of America, Inc., has introduced a four color sheetfed rotogravure press. Named the Multi Prima, it is claimed the press will deliver 4000 sheets per hour. Accurate register is said to be maintained by means of a traveling gripper bar which conveys each sheet through the four printing cylinders. The gripper bar locates itself in a slot in each succeeding cylinder as it progresses from color to color, it was stated. Maximum sheet size is 22¾ in. by 30¾ in.; maximum printing area is 22 in. by 30 in.

Another feature claimed for this machine is that it will accommodate wrap-around etched plates as well as complete cylinders. Furnished with the press is an air drying system, motor, variable speed drive and pushbutton control station. Circle No. 266 on Reader Service Card.

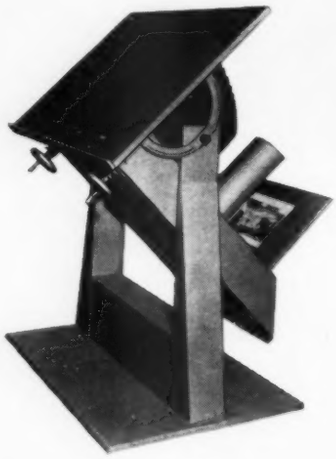
### GUILLOTINE PAPER CUTTER FOR SMALL SIZE PRINTING PLANTS

A table top guillotine paper cutter for use in small printing plants and school print shops is being offered by Douglas Homs Co. Called the Model 14, the cutter has a cutting capacity of approx. 300 sheets with widths up to 14½ in. It is stated that the unit incorporates features such as a pull-out safety device, heavy duty paper press, and a full width adjustable back guide. The unit weighs 56 lbs. Circle No. 260 on Reader Service Card.



### UNIT COMBINES COPYBOARD CAMERA, DRAWING BOARD, AND LIGHT TABLE

A unit that combines a copyboard camera, light table, and adjustable 25 in. by 35 in. drawing board has been an-



nounced by M. P. Goodkin Co. Known as the Goodkin Swivel-Top camera, the unit has an enlargement and reduction range of 4½ times, a viewing area of 18 in. by 23 in., a copyboard of 17½ in. by 22 in., and an adjustment that permits the operator to change the angle and work surface of the camera to any position from vertical to horizontal. The unit occupies a floor space of 27 in. by 37 in. Circle No. 283 on Reader Service Card.

### NEW ODOR COMPOUNDS FOR PRINTING

Frank Orlandi, Inc. has announced the release of new odor compounds for use in printed advertising. These go by the names of fresh cut grass, new mown hay, and sea breeze.

The odors are in the form of a compound which has the consistency of ink and are intended for use in the ink fountain of the press. They are applied by printing from a blank plate or tint block on the press. Circle No. 263 on Reader Service Card.

### CLAIMS 12,000 QUARTER-FOLDS PER HR. FOR TABLOID FOLDING MACHINE

Seal-O-Matic Machine Mfg. Co., Inc., has announced the development of a tabloid folding machine which is said to produce 12,000 quarter-folds per hr. The machine, a chopper type folder, is said to quarter-fold from 4 to 48 pages. Sheet sizes accepted range from 8½ in. by 11 in. to 13 in. by 18 in.

Folds are claimed to be accurate because the work is registered from the folded edge. Dimensions of the folder are 3½ ft. wide by 5 ft. long. It is equipped with a portable delivery conveyor which is 8 ft. in length.

A company spokesman stated that because of its high speed, tabloid presses do not have to be slowed down for folding purposes The machine is equipped with wheels which make the folder portable and also contains a continuous feeder. Circle No. 270 on Reader Service Card.

### ANTI-SKINNING INK SPRAY

An ink spray designed to prevent regular, gloss and fast drying inks from drying on presses has been announced by Sprayway, Incorporated. The aerosol spray, known as Time Saver Spray, may be used on the rollers and fountain head while the press is running. According to the sponsor, the spray eliminates noontime and overnight washups when the same ink is to be used, prevents the accumulation of skin, and speeds washing up, when the ink must be changed, if the rollers are sprayed during the latter stages of the previous run. Circle No. 286 on Reader Service Card.

### PLANT LAYOUT SYMBOLS ON TAPE

Plant layout symbols printed on tape for easy application on floor plans have been announced by ACS Tapes, Inc. Also introduced are 15 assorted colored matte surface tapes which can be written upon. Widths available are: 1/32 in., 1/16 in., ⅛ in., ¼ in., ½ in., ¾ in., and 1 in. Circle No. 265 on Reader Service Card.

*(Continued on Page 88)*

# NEW AUTO-PACK

## The QUALITY PEAK IN PACKLESS MATS

### Has Passed All Field Tests with Flying Colors!

The New Products Division of The Beveridge Paper Company announces the "Auto-Pack" mat, a new quality high in one-piece packless mats. Hundreds of field tests have proved Auto-Pack is over 50% compressible, that it can be molded with the same pressure as a standard mat and that wherever there is 0.040 depth in the form it will retain 0.030 to 0.035 space depth in the stereotype plate. That means 0.004 or 0.005 more space depth with less molding pressure than any other packless mat available today.

Easier to use than conventional mats, Auto-Packs completely eliminate the need of hand packing.

Write today for complete information, samples, or demonstration on the new Beveridge Auto-Pack stereotype mat.

NEW PRODUCTS DIVISION
**THE BEVERIDGE PAPER COMPANY**
705 WEST WASHINGTON STREET, INDIANAPOLIS 4, INDIANA, TELEPHONE: MElrose 5-4391

*For More Information Circle 20 on Reader Service Card*

# To make the most of fine presses... Equip them with MERCURY PRODUCTS

A fine shop and skilled craftsmen *deserve* the finest accessories. That means Mercury products! Precision built in one of the best equipped plants of its kind in the world, and quality-controlled by the most elaborate laboratory testing facilities, Mercury rollers and blankets have set the pace for quality for over 30 years. Always specify Mercury.

**MERCURY SPECIALIZED ROLLERS**
FOR TIN LITHOGRAPHY AND OTHER SPECIFIED REQUIREMENTS

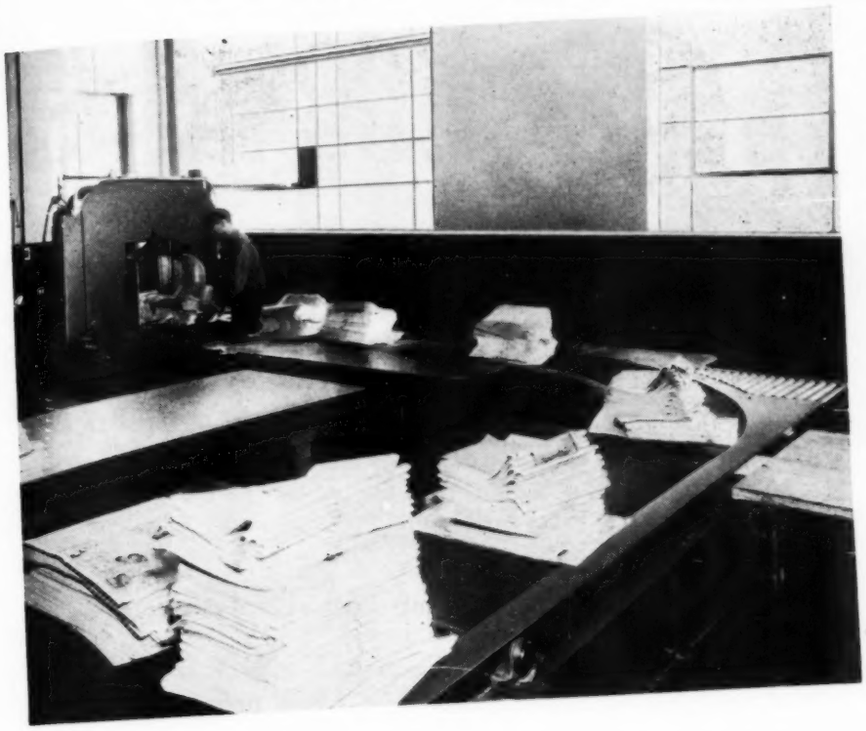
## RAPID ROLLER COMPANY

MAIN OFFICE AND FACTORY: FEDERAL AT 26th STREET • CHICAGO 16, ILL.
EASTERN SALES OFFICE: 218-224 ELIZABETH AVENUE • NEWARK 8, N. J.

*For More Information Circle 148 on Reader Service Card*

# WIRETYER NEWS

# WIRETYER AUTOMATICS ARE FASTEST, MOST ECONOMICAL AND MOST EFFICIENT TYING MACHINES!



**TODAY OVER 3,000,000 NEWSPAPERS IN 27 MAILING ROOMS ARE BEING BUNDLED BY 65 WIRETYER AUTOMATICS**

**In fact, many newspapers with a 50,000 circulation, rely with assurance on one double-tie WIRETYER because it gives double-dependability.**

## *COMPARE THESE ADVANTAGES*

**SPEED.** Wiretyer exclusively can produce simultaneous double-tied bundles to give you 48 ties per minute with ease. You also have single-tie options at either tying locations—in essence, two machines in one frame.

**PERFORMANCE ECONOMY.** From the very first, Wiretyer offers the most for your money. It is the lowest original cost, high performance fully automatic tying machine. You do not need additional pushers, feeders or accessory equipment to obtain automatic operation.

Practically any type and size of tying wire may be used as required by your needs. Wiretyer is able to use inexpensive basic wire, packed in coils, on stands or in efficient payoffpak drums. Compare the cost of Wiretyer #16 LBA tying wire, which runs 96 ft. per lb and costs about $10.70 per Cwt. You may purchase this wire directly from any local mill at substantial savings.

**TRULY AUTOMATIC.** Integral, powered feed and eject conveyor tables position each bundle properly for either single or simultaneous double-ties. The passage of a bundle into the machine opening trips a switch and causes the bundle to be tied securely, quickly and quietly. At your choice, double-tied bundles are produced as quickly as single-tied bundles—at no reduction in thruput capacity.

The compact space saving design is constructed to fit standard conveyor heights—it is easy to install in any inline mailroom conveyor system.

**AND MANY OTHERS.** Each bundle is automatically positioned for the proper tie spacing.

Each bundle is pneumatically compressed and straightened for a neat, tight package.

Each bundle is strapped with uniform, adjustably tensioned wire—one or simultaneously by two ties per bundle.

Each bundle is protected by a pilfer-proof, twist-tied seal—with wire ends safely buried.

**ONLY WIRETYER** has automatic rewiring features.
Provides a buttwelder for rapid splicing on a new wire supply.
Furnishes an extensive automatic lubrication system.
Offers a complete tying mechanism subassembly for quick interchange.

### Complete Systems for Newspapers.

For newsprint handling, reel room trackage, stereotype plate conveyors, mailroom systems, truck loading equipment and central control consoles, look to the Wiretyer Corporation for latest developments in cost saving techniques. We are prepared to equip your complete plant with every type of materials handling equipment. Your inquiry will be welcomed.

CALL, WIRE OR WRITE FOR FULL INFORMATION

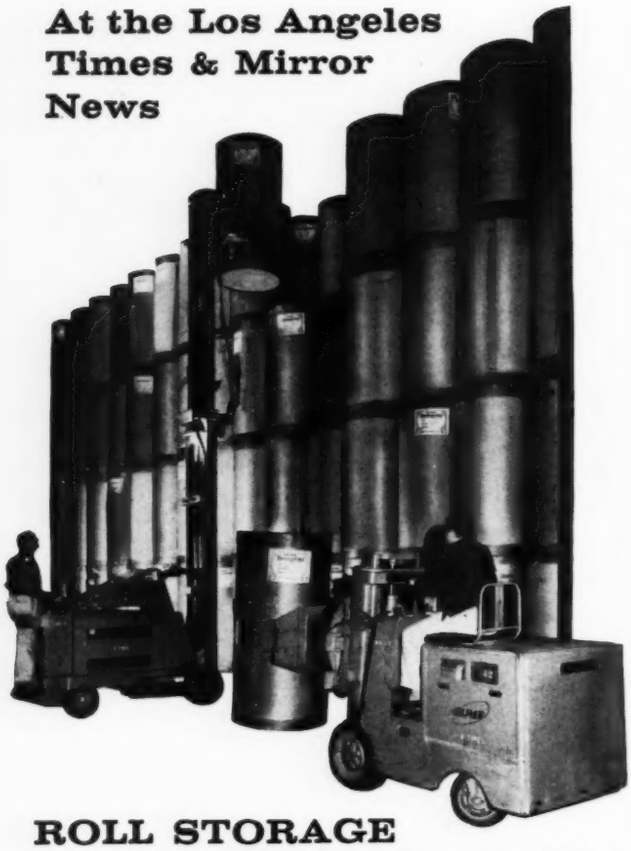
Wiretyer CORPORATION

TELEPHONE SWarthmore 7-6180

65 LELIARTS LANE, E. PATERSON, N. J.

*For More Information Circle 229 on Reader Service Card*

## At the Los Angeles Times & Mirror News



## ROLL STORAGE INCREASED 250%

### ...Roll Damage Cut to 0.005%
### ...Maintenance Only 15¢ per Operating Hour

Over the past ten years, paper consumption at the Los Angeles Times-Mirror jumped from 39,000 to 180,000 tons annually. This staggering increase might have caused a serious warehousing problem without an efficient fleet of 13 electric powered ELPAR clamp trucks.

These trucks made it possible to change from space consuming horizontal storage to efficient, ceiling-high vertical stacking. Instead of adding costly storage space, available capacity was increased 250%. Another important saving . . . roll damage was cut to an all time low of only .005%.

ELPAR trucks chalked up a record for dependability and low cost maintenance too. Operating 'round the clock, the cost for maintenance labor and materials averaged only $985 per truck per calendar year . . . or less than 15¢ per operating hour. If you have a roll handling problem, why not investigate the profit opportunities of using ELPAR trucks. Your local ELPAR man can give you all the facts.

*Send For This New Elpar Paper Handling Brochure.*

Elwell-Parker . . . originators of the rotary roll paper clamp.

ELPAR

THE ELWELL-PARKER ELECTRIC COMPANY

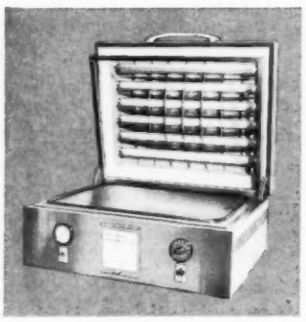
4036 ST. CLAIR AVE. • CLEVELAND 3, OHIO

*For More Information Circle 46 on Reader Service Card*

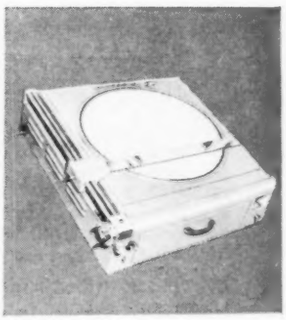
# did you offers lithographic

Cost-conscious printers have discovered the all-new Hamilton Litho line – and a satisfying discovery it is! Here is a wide range of film and plate processing and storage equipment that saves labor, cuts material waste and produces better results to boot. You, too, can meet the demand for better finished work – at lower per-thousand cost – with Hamilton Lithographic equipment! See the new Hamilton Litho line – now at your Hamilton dealer's!

**new ideas . . . new materials . . . new convenience, from Hamilton!**



**Vacuum Printer** Exclusive *center-seal* feature rolls air out evenly in all directions – film can't shift or wrinkle! Separate cover glass lets operator inspect alignment before lowering lid.



**Formliner** Makes rules, grids, borders instantly, accurately on rotating circular work surface. Lighted glass rotates full 360° and has calibrated vernier scale for instant alignment.

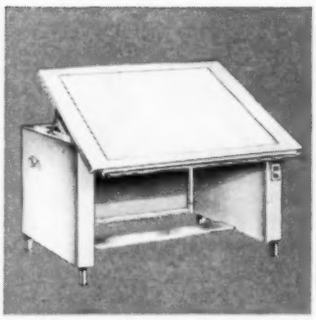
## FREE
### ...HAMILTON CATALOG

Get full details on Hamilton's Litho line from your Hamilton dealer or write for FREE catalog No. 29. Write today: Printers Equipment, Hamilton Manufacturing Company, Two Rivers, Wisconsin.

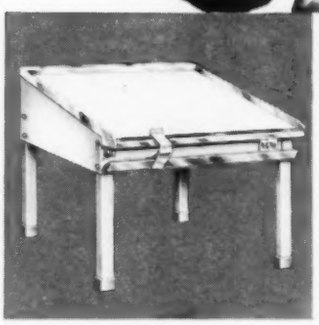
WORLD LEADER IN

# know Hamilton this complete line of equipment?

**Layout Tables** Lighted working surface can be adjusted instantly to most comfortable position. New shallow reflector permits leg and knee room — increases speed and efficiency.



**Artist Retouch Tables** Instant adjusters on either side of table allow operator to move working surface from horizontal to 60° for greater working comfort and efficiency.



**Dot Etching Tables** Two separate lighting arrangements provide increased flexibility. Fluorescent lights plus film-safe incandescent red lights. Moveable water control is operated by hand or body pressure.

**Deep Etch Tables** Heat-cured Epoxy Resin finish on Hamilton Deep Etch tables resists action of etching solutions. Leg leveling device assures proper pitch for drain gutter.

**Plate Developing Sinks** Built of extra-heavy stainless steel for heavy-duty use. Movement of single lever instantly adjusts redwood duckboards from flat to sloping position.

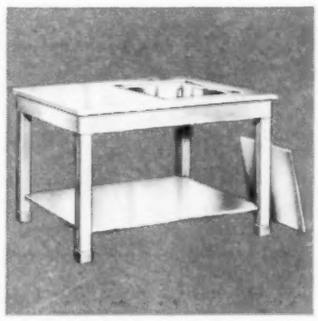


**Plate Sink and Ink-Up Tables** Combination table specially designed for the smaller shop. Sink, working surface and storage shelf provide a convenient one-station processing area.

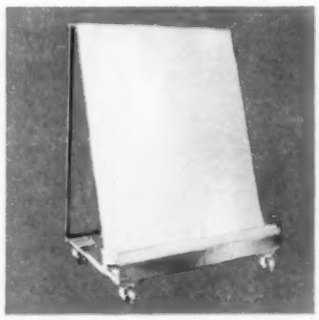
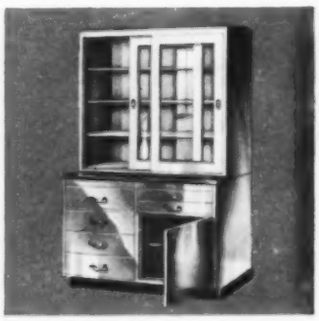


**Plate-Roller Trucks** Damaged plates mean costly down-time, expensive remakes. Hamilton plate-roller trucks provide convenient transportation or storage of valuable plates and rollers.



**Modular Storage Cabinets** No matter how large or small your storage needs — Hamilton has the answer in its Pacemaker storage cabinets for chemicals, film, art work, ink and other supplies.

# Hamilton

**See Hamilton — 27th Annual National Association of Photo-Lithographers Convention — November 18-21, Kansas City, Missouri. Booths 130, 131 and 132!**

PROFESSIONAL AND SCIENTIFIC EQUIPMENT

***For More Information Circle 78 on Reader Service Card***

# with **A.W. ALGRIP** abrasive flooring

Put A. W. ALGRIP underfoot in your plant . . . you'll get safety and sure-footedness. A. W. ALGRIP eliminates sliding and slipping . . . gives you assured footing under the most dangerous plant conditions . . . on inclined as well as flat surfaces.

A. W. ALGRIP rolled steel floor plate is produced by Alan Wood Steel Company by a patented process in which an abrasive – just like the kind that is used in grinding wheels – is embedded to a specified depth. It becomes an integral part of a tough steel plate.

A. W. ALGRIP can be used as independent flooring . . . or as flooring overlay. Put your plant on a safe footing, with A. W. ALGRIP . . . Approved for Safety by Underwriters' Laboratories. Write for Bulletin AL-N5.

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***For More Information Circle 4 on Reader Service Card***

## PRINTING INDUSTRY PATENTS

Covering patents issued Sept. 1, 8, 15, 22 and 29.

All new patents for the printing industry are reported exclusively for PRINTING PRODUCTION by Invention, Inc., an industrial patent research organization in Washington, D. C. Invention, Inc., presently has the only staff in the country that examines, in the U. S. Patent Office, the complete printed copy, drawing by drawing and page by page, every one of the several hundred new patents issued each week. PRINTING PRODUCTION is the only trade publication in its field offering a report based on this complete coverage. For copies of the patents listed here specify the patent numbers and send 25c for each separate patent, or 10c for each trade mark or design patent (stamps not accepted) to the Commissioner of Patents, Washington, D. C.

### *Composing Room:*

#### LINEUP TABLE MECHANISM

To avoid the friction and wear encountered with straight edge members of a lineup or layout table where the straight edge members lie one on the other, this invention has the straight edge members arranged at right angles on the table top. A mechanism is provided for the movement of the straight edge members which lifts them clear of the table and of each other. Adjustable gauge stops are provided for accurately positioning repeat measurements. No. 2,901,832 by Claude K. Hulen.

#### TYPE ALIGNMENT DEVICE

For printing signs, placards, etc., the comparatively small printing types used can be retained and aligned by means of a magnetized device. This device has an open slot to receive a type aligning mechanism which is in the form of a tubular resilient tension bar. The height of the bar is less than the depth of the slots in the magnet. The assembly of types is adapted to engage a cushioning device through which the magnet exerts a lateral pressure upon the types to hold them in adjacent position. No. 2,902,930 by Douglas H. Hurlbut.

#### FORM TIE-UP FRAME

This construction avoids the use of cord for tying up a form of typographic material. The tie frame is comprised of four separate side-pieces which encloses the typographic material, such as a type-page, on its four sides. Four corner clips, each having two legs set at right angles which fit countersunk longitudinal slots provided in the side-pieces, are equipped with co-acting locks which have releasable engagement. No. 2,902,932 by Jan Ostmann, assignor of one-half to Gustaaf Adolf Frisch.

#### PORTABLE PROOF PRESS

This proof press is particularly useful in newspaper work and as it is readily portable, it may be moved from form to form to take proofs. This saves considerable time and eliminates the necessity for moving made-up forms. No. 2,901,971 by John A. McFarland.

### *Platemaking:*

#### PHOTOCOMPOSING SHUTTER DEVICE

The mechanism includes numerous parallel shutters, each of which is movable between two positions. Optical paths which pass through the shutters have predetermined widths and paths which lie adjacent to the direction of the shutter movement. Apertures formed in the shutters are spaced so that they may be aligned when the shutters are moved into predetermined positions. This assures light passage through only one of the numerous optical paths. No. 2,905,068 by Allan Friedman.

#### LITHO PLATE SURFACE GAUGE

For testing the uniformity of the surface of a lithographic plate without deforming it, this device will measure the leakage of fluid supplied under pressure to the gauge head. The fluid escapes between a flexible gauging surface and the surface of the plate. The gauging pressure is determined by the compression of a yielding support for the flexible gauging surface to a point determined by the engagement of a stop on the gauge head with the gauged surface. No. 2,901,906 by Nelson

THE PERFECT COMBINATION FOR 1-BITE POWDERLESS ZINC ETCHING

Rolled Plate Metal Company • Atlantic Zinc Works, Inc.
196 Van Brunt Street, Brooklyn 31, New York
America's number one producer of quality photoengravers' plates
Micro-Metal • Zomo-Zinc • Zomag • A-Z Alloy • Owl Brand
Working in the interest of Modern Letterpress

*For More Information Circle 16 on Reader Service Card*

Emmons III, assignor to The Sheffield Corporation.

### DIRECT DUPLICATING PROCESS

This process dispenses with typing and other manual operations for the reproduction of subject matter of all kinds in the spirit or direct duplicating process. This is accomplished by photographically recording the subject to be copied so as to obtain a laterally reversed image on a light-sensitive hydrophilic organic colloid layer capable of being differentially tanned or hardened under the influence of light. The unhardened areas are then transferred to paper by merely placing the moist differentially hardened layer against the paper. The image is then squeegeed against a master sheet. No. 2,903,964 by Joseph B. Taylor, assignor to Eastman Kodak Co.

### PRINTING RELIEF COMPOSITIONS

The compositions comprise an addition polymerizable, ethylenically unsaturated component, a polyvinyl alcohol derivative containing lateral free acid, such as oxy-acid groups or their soluble salts, such as the alkali metal, ammonium, or substituted ammonium or amine salts, and an initiating amount of an addition polymerization initiator activatable by actinic light. The compositions are especially useful in making printing reliefs of the type covered by patent 2,760,863. No. 2,902,365 by Elmore Louis Martin, assignor to E. I. du Pont de Nemours and Co.

### HEAT TREATMENT FOR PRESENSITIZED PLATES

A rectangular box-like container having a hinged cover is electrically heated and adapted to receive and heat-treat presensitized lithographic printing plates. The interior of the box carries a series of vertically spaced radiator plates, the spaces between each radiator plate being adapted to receive a lithographic plate to be treated. No. 2,903,550 by Rudolf Fritsche.

## *Feeding, Folding, Delivery:*

### CONTINUOUS FEEDER FOR MIEHLE VERTICAL

Numerous blanks, such as checks, business machine cards, blotters, etc., are continuously fed to a printing press by a conventional feeding mechanism of the type used with the Miehle Vertical press. The feeder has made it possible to continuously replenish the supply of any of the stacks while the feeder and press are in operation. Thus, there is no lost time for replenishing the feed supply. No. 2,906,528 by Henri E. Peyrebrune, assignor to Miehle-Goss-Dexter, Inc.

### FAN-FOLD STACKING GUIDES

The guides are for use in high speed printing applications employing fan-folded record material. The record material is guided so as to assure proper stacking subsequent to a printing step. The arrangement provides for the delivery of the freshly printed fan-folded web onto a base, the feeding being effected between two spaced rows of freely hanging chains, which serve to confine the web until it drops onto the base. No. 2,906,527 by Albert Blain, assignor to Sperry Rand Corp.

### THIN PAPER FEEDING AID

For use with very light grades of paper, this device is designed to prevent the sheets from doubling over as they are fed and also to prevent the bottom sheet from sticking to its support. This is achieved by exerting two areas of force on the sheets—first from above the sheet as it is stacked and second, a force is exerted on the bottom sheet of the stack in order to prevent adhesion to the surface on which it rests. No. 2,906,530 by Merton L. Matthews, assignor to Maxson Automatic Machinery Co.

### EXPANDING PAPER ROLL CHUCK

The chuck, when mounted on a shaft and inserted in the core of a paper roll, is easily expanded or collapsed. When in the expanded position, it affords a secure, positive and uniform gripping action on both the shaft and the core. By providing a supplementary adapter leaf corresponding to each chuck leaf, the built-up paper roll chuck is adapted for use with large diameter core paper rolls. No. 2,904,279 by Lynn H. Ewing.

### EXPANDABLE REEL CONE

An expandable fit is provided for reel cones to overcome disadvantages of the friction fitting of such cones. The present reel cone has the usual socket to engage the rotary member of a reel stand. An expandable tube carried by the body


NO HAND-PACKING NEEDED

MORE SPACE DEPTH ELIMINATES NEED FOR HAND-PACKING!

PROVEN IN ACTUAL NEWSPAPER PRINTING!

CUTS PRODUCTION COSTS!

with new one-piece

WOOD SUPER FLONG NO-PACK-MAT

The most economical mats you can use!

WRITE OR PHONE FOR FREE DEMONSTRATION IN YOUR PLANT

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HOOSICK FALLS, NEW YORK

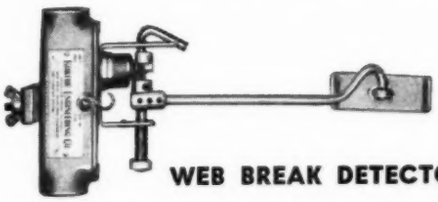
SERVING THE GRAPHIC ARTS INDUSTRY EXCLUSIVELY SINCE 1911

For More Information Circle 199 on Reader Service Card

*Cooksey System of*

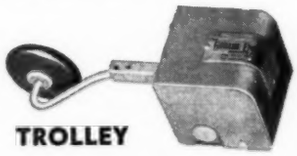
# WEB CONTROL

**EQUIPMENT DESIGNED TO COMPLETELY PROTECT YOUR PRESS WHEN A WEB BREAKS . . . INSTEAD OF MERELY STOPPING IT!**



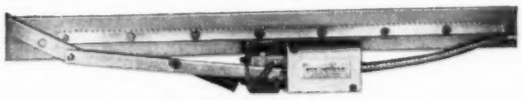
**WEB BREAK DETECTOR**

- Precise and quick acting to stop press instantly at the time of a web break.
- Has running position, threading position and two lock-out positions.
- Press cannot be operated at high speed unless shoes are in operating position.
- Can be mounted in any and all positions in press.
- Shoe pressure and range of operation can be easily adjusted for any web condition.



**TROLLEY**

- The most outstanding advancement made in web break detector systems in recent years. It prevents the web, after the impression, from lashing back and wrapping around the printing cylinders.
- The Cooksey System is the only system that provides this feature, therefore it is the only system that can actually prevent damaging wrap-ups due to web breaks.



**WEB SEVERING DEVICE**

- It is compact, and the action is positive and instantaneous.
- Cuts completely across the whole sheet.
- Clean cut web comes out of printing unit at time of a web break instead of ragged tails or loose pieces that may cause additional delay.

SALES AGENTS:
THE GOSS COMPANY, CHICAGO
R. HOE & CO., NEW YORK
WOOD NEWSPAPER MACHINERY CO., NEW YORK

For Information Write To

**KORTHE ENGINEERING CO.**
9353 SEYMOUR AVENUE
SCHILLER PARK, ILLINOIS

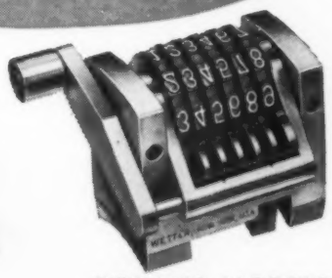
*For More Information Circle 99 on Reader Service Card*



**MIDGET MODEL**

# No!

**Want Clean, Accurate NUMBERING?**

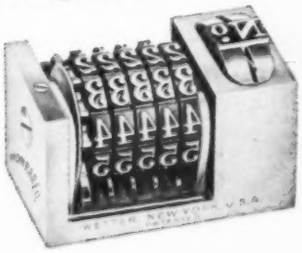


**DO IT BETTER WITH**

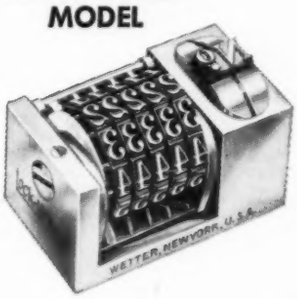
**ROTARY MODELS**
(Right angle or parallel)

**WETTER**

Fine workmanship, rugged construction insure crisp accuracy, clean impressions, perfect sequence —*every time!*



**LOCK-WHEEL MODEL**



**NONPAREIL MODEL**

*Write for information and prices*

**WETTER NUMBERING MACHINE CO.**
ATLANTIC AVENUE & LOGAN STREET · BROOKLYN 8, N. Y.
*ONLY UNION MADE NUMBERING MACHINE IN U.S.A.*

*For More Information Circle 188 on Reader Service Card*

is adapted to fit freely within the outer end of the tube in a contracted condition. After being expanded, it firmly engages over a substantial area and is securely attached to the press. No. 2,903,200 by Alexander Edgar McDougall and Victor Roland McDougall.

### EJECTOR AND SORTING MECHANISM

The ejector is similar to the art of Patent 2,847,214, the patent application for the present patent being a division of that originally filed on 2,847,214. The ejecting and sorting of various types of printed papers can be facilitated by the use of numerous side-tracking switches associated with a number of receiving compartments for receiving the various sheets. The switches are either manually operated or are operated by sensing devices. No. 2,906,196 by Wilhelm Ritzerfeld and Gerhard Ritzerfeld.

### PNEUMATIC SHEET FEEDER

The feeder is of the type in which a pneumatically controlled mechanism is used for moving a stack of sheets to a feeding position so as to insure that each successive sheet will always be at the same level. Each sheet is then removed by a suitable picker for transfer to a feeding device which delivers it to some mechanism for processing. A special feature is the pneumatic sensing device positioned relative to the sheet stack in order to effect a balanced pressure in the system when the top sheet reaches the feeding level. This will provide continuous operation, moving successive sheets into the same position for removal from the stack. No. 2,902,278 by Robert S. Bradshaw, assigned to Burroughs Corporation.

## *Printing Presses:*

### ACCELERATION DETECTION SYSTEM FOR WEB TENSION

An acceleration detection and control system utilizes air pressure to actuate a pressure sensing switch in one direction upon detection of acceleration and in an opposite direction when there is no acceleration. A starting system or an acceleration system may be switched in during acceleration and a running system may be switched in during normal running operations. This is achieved by using a wheel which is freely rotatable and an air vent which is open during acceleration and closed by the wheel when it attains a rotary speed equal to that of the angular velocity of the air vent. No. 2,902,232 by Paul W. Jacobsen, assignor to H. G. Weber & Co., Inc.

### WEB TURNING APPARATUS

This web guide is of the type discussed in Patent 2,797,091 for "Web Shifting Apparatus." The present device utilizes a cambering roller for simultaneously maintaining correct alignment of the web during its travel as well as effecting a change of web direction so as to eliminate the altering of tension across the web wrap adjacent the roller. The apparatus is disposed with the axis of the cambering roller perpendicular to the direction of the web travel during a turn. The mounting or support for the cambering roller is, however, at an angle with respect to the path of the traveling web. No. 2,904,333 by Irwin L. Fife.

### WEB DETECTION DEVICE

The control is of special utility for detecting and indicating the presence or absence of the edge of a web of translucent or transparent material of the type which has presented serious problems with light sensitive means. The control includes a polarized light system with photo-electric cells, relays, etc., in an arrangement to detect and indicate the web edge by either a reflective or direct light beam. No. 2,904,700 by Kenneth O. Rockey, assignor to Gpe Controls, Inc.

### ROLLER SPEED INDICATOR

For use with newspaper printing presses or other presses using relatively long rolls, this device is designed to automatically indicate the surface speed of the rollers. It is used in connection with balance and whip testing machinery, but has no physical contact with the roller under test. No. 2,905,890 by Clyde H. Phelps.

### GRIPPER ELIMINATES FRICTION

Each gripper is floatingly and adjustably mounted on the gripper shaft so as to eliminate the high friction of starting, which is present on conventional spring yielding and shaft pivoting gripper as-


BONUS No. 3

Non Clogging Water Jacket

*Exclusive* with the UNIVERSAL STRIP CASTER

No down time . . . no lost man hours because of a clogged water jacket with a Universal Strip Caster. The Universal water jackets are separate from the throat. Results . . . no alkalai problems.

Compare production, performance and price and you'll choose the Universal Strip Caster.

*Send for sample 2-point hairline rule and folder.*

UNIVERSAL MONO-TABULAR CORPORATION
Manufacturers of the Honig Multiple Broach
715 N. CENTRAL EXPRESSWAY * RICHARDSON, TEXAS

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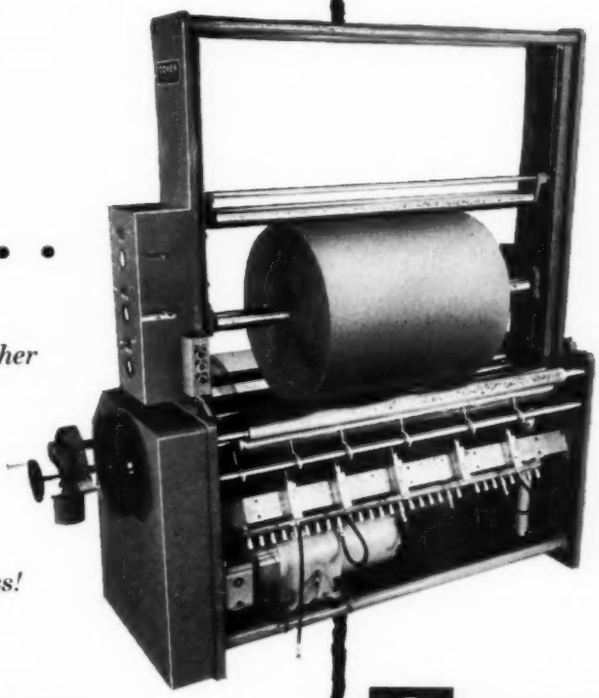
# Sells for less . . .

*. . . . than any other surface rewinder in its performance class!*



**DOVEN TWO DRUM REWINDER**

• What's more, the Doven SR-60 two drum rewinder features powered feed rolls for "tacky" webs . . . A DOVEN EXCLUSIVE. Handles waxed, gummed or plain paper, paperboard, textile or rubber material to minimum of ½" slit. Furnished with score or shear slitters. Rider roll pneumatically raised and lowered.

Web sizes from 36" to 72"; takes parent rolls to 40" diameter. Optionals include parent roll capacity to 60" dia., choice of special backstand or unwind equipment, electric or mechanical drives.

*Send us details of your application and samples for complete specifications and prices.*

**DOVEN DIVISION**

**APPLETON MACHINE COMPANY**

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*For More Information Circle 206 on Reader Service Card*

# CURE your labeling BOTTLENECK

*with*

## CHESHIRE LABELING MACHINES

Surest, easiest way to prevent choke-up in labeling magazines, catalogs, newspapers, tabloids, flyers. LOW PRICED, Model C applies pre-addressed labels (roll strip, continuous pack, tape strip) quietly, continuously, *accurately positioned at speeds from 5,000 to 15,000 per hour.* Equipped with convenient low feeding table, easily adjustable vacuum hopper feed, individual variable-speed conveyor drive, and jam switches for instant control.

Feed, cut, glue and attach labels . . . reload labels and glue without stopping the machine. Like Ol' Man River, it jes' keeps rollin' along . . . gets your mail out on time . . . right!

Let us show you how Cheshire Model C prevents misses, mistakes, bottlenecks.

Labeling Heads available as separate units for various types of Machines not manufactured by Cheshire

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semblies. This friction takes place at the critical moment when the grippers pivot successively while contacting for their bite at high speed in order to take a sheet. The gripper finger will not scuff on its pad as is the case with conventional forged one-piece grippers. No. 2,906,204 by Hans J. Luehrs, assignor to The Cottrell Company.

### WEB HUMIDIFIER SYSTEM

This humidifier is suitable for use with multicolor printing presses and has overcome difficulties encountered by the jogging of the sheets to maintain proper registry. The humidifier chamber has a slot in the top and bottom walls through which the running web is passed. The control for the system is a pneumatic valve positioned in the steam line which is responsive to a main switch for opening and closing the circuit to the printing press. No. 2,906,205 by Stewart W. Speers, assignor to American Viscose Corp.

### ROTARY PLATE REGISTER APPARATUS

A series of curved printing plates of the type employed in rotary printing machines can be accurately preregistered and checked for multicolor work by mounting them on a drum support, side-by-side, and moving the drum axially and rotatably. The drum movement is checked and correlated with a pair of guides located on a frame on which the drum is mounted for movement. No. 2,902,771 by Wendell H. Stickney, assignor to Diamond Gardner Corp.

### IMPRESSION ADJUSTED DURING PRESS RUN

Printing pressure can be adjusted within the desired limits without it being necessary to stop the press and without using other than a standard makeready. This is achieved by providing the plate cylinder with a gear wheel having a pitch circle radius slightly less than the overall radius of the plate cylinder and printing plates. The gear wheel is driven by a prime mover and drives the impression cylinder through the medium of a gear wheel associated with the latter when printing pressure is not required and when said low pressure is applied between seating blocks. No. 2,901,970 by Ivan Peter Knops and David Christopher Camps, assignors to the De La Rue Company Ltd.

### DRIVE CONTROL FOR RECIPROCATING PRESSES

In a drive control for the beds of printing presses of the two-revolution type, the bed is driven by racks, alternately engaging in driving shuttle wheels. During retardation and acceleration periods at the end positions, the bed is arranged to receive its motion by means of one piece turning forks attached to the movable bed. Working with swingable arms fitted with rollers, the rollers enter grooves limited by the legs or shanks of the forks. No. 2,902,866 by Sten Richard Stenstrom.

### LITHO INK-DAMPENING SYSTEM

For lithographic work, this apparatus is of the type which provides a supply roller and a doctor blade or scraper, for applying fatty substance to the supply roller. The fatty substance is then applied to a reciprocating mixing roller to which a moistening liquid is applied by another supply roller. The arrangement thus provides means for mixing a moistening liquid with a fatty substance in a controlled manner and for transferring the resulting mixture to the printing form. No. 2,902,926 by Wilhelm Ritzerfeld and Gerhard Ritzerfeld.

### INK FOUNTAIN CONTROL

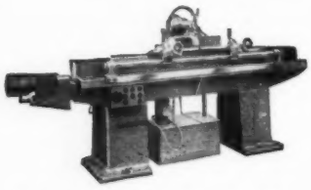
In an ink fountain control, a single control shaft is combined with numerous eccentric discs, each of which is independently operated by separate control levers and dials. Associated with each disc is a gear and a solenoid operated ratchet mechanism for the remote control of the disc adjustments. No. 2,902,927 by Nevel E. Ross.

### LOOSE PLATE DETECTOR

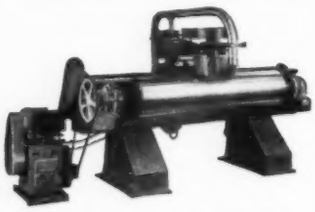
The detector uses a gaseous discharge device which is maintained in a normally nonconducting condition by a suitable negative bias potential applied between its cathode and a control grid. The plate mount includes at least one conductive finger which is adapted to contact the cathode of the gaseous discharge device as soon as there is a slight loosening of


**SPECIAL GRINDING, POLISHING AND DIAMOND LATHE EQUIPMENT BUILT BY**

*Selwede*

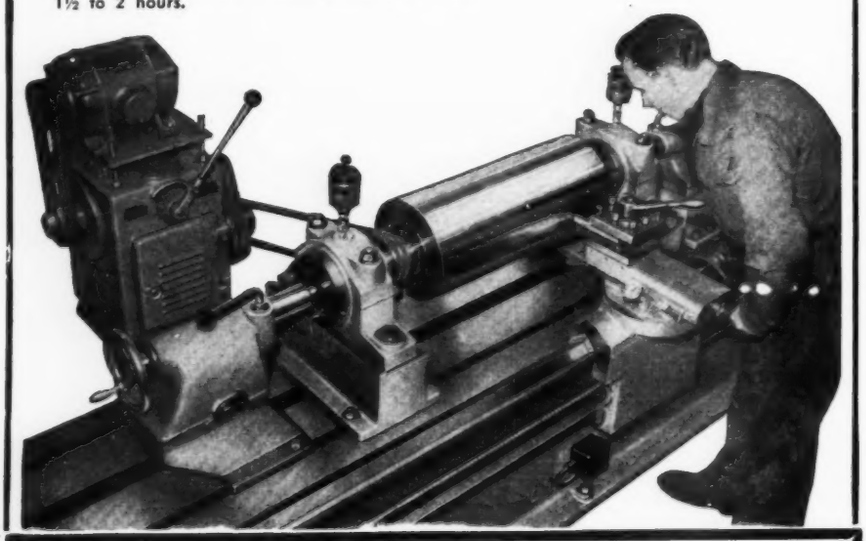


Doctor Blade Grinding Machine



Copper Cylinder Grinding and Polishing Machine

This lathe serves to turn cylinders along their full width so that they are exactly cylindrical; this is of fundamental importance for an even impression and exact register in multi-color printing. Cylinders with a new copper deposit are first turned with hardened steel, then they receive precision turning with a diamond. The diamond produces such smooth surfaces that the cylinder only needs slight polishing to be ready for etching. The depth of the cutting (4 ten thousandth to 6 thousandth of an inch) can be set exactly by means of a measuring instrument (micrometer) on the diamond holder. The cylinder diameter can be determined to 4 ten thousandth of an inch. Working time for a cylinder up to 79" cylinder length: about 1½ to 2 hours.



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**PATENT SEARCHES**

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the plate on the press. A relay in the anode circuit is thus operated to cause the printing press to be shut down so that its defective condition can be remedied. No. 2,902,929 by Wilfred H. Stone, assignor to Meredith Publishing Co.

### DUPLICATOR OPERATING CONTROL

In this control system, a light responsive control is arranged in advance of the feed and dampening rollers. The system will control the operating mechanism for initiating the duplicating cycle when the stock advances towards these rollers. The system provides a beam from a single light source making several passes back and forth across the feed path of the blank stock. Thus it is possible to monitor a substantial region in advance of the feeding and wetting rollers with but a single light source. No. 2,903,965 by William Eichenbaum and Manley Mandel.

### INK ROLLER COUPLING

A wear-free coupling has been developed for use between the distributor roll and the reciprocating drive of an ink distributor roll of a printing press. The coupling includes separate ring-shaped racks carried in a coupled and concentric relation with each shaft in fixed axial but freely rotatable relation. Each rack has numerous ring-shaped teeth encircling the shaft of the distributor roller. Separate pinions are associated with the shafts. The arrangement permits random rotation of each rack. No. 2,903,966 by Harry W. Faeber, assignor to Time, Incorporated.

### SHEET TRANSFER UNIT

The application for this patent is a continuation of that originally filed for Patent 2,737,110. The transfer unit is designed for use in a multicolor press of the reciprocal bed and two revolution cylinder type. Sheets are transferred from one cylinder to the next in flat condition so that papers of a wide variety of weights may be handled without damage. The conveyor of the sheets is endless so that successive sheets are engaged and removed by the same grippers. No. 2,905,084 by William G. Montgomery and Samuel A. Huffman, said Huffman assignor to said Montgomery.

### CYLINDER DISASSEMBLY

This adjusting device is for use with printing duplicators using stencils and other types of printing masters and plates. The connection between the printing cylinders and its supporting shaft has been designed so that the parts can be readily dismounted and replaced. To prevent any disassembly during use, the parts can be securely locked together. No. 2,905,086 by George J. Zahradnik, assignor to A. B. Dick Co.

### SELECTIVE DUPLICATOR CONTROL

A single control is used to selectively operate switches effecting the operation of all types of rotary duplicators. This control would have application for mirror reversed printing forms for printing on moistened sheets, as well as those in which the printing form is continuously reinked and in which the printing form may be of the raised type, the stencil type or the lithographic type. The selective control is facilitated by the use of a reference copy mounted along the control. No. 2,906,202 by Wilhelm Ritzerfeld and Gerhard Ritzerfeld.

## *Bindery:*

### SIGNATURE COLLATING AND INSERTING MECHANISM

For a sheet collating and inserting system, this mechanism affords a highly unique arrangement by which signatures may be removed from a hopper one at a time in rapid succession. Beneath the hopper, numerous rotating gripper-carrying cylinders are transported in a circular path so as to draw the folded edge or backbone of a signature into the open gripper by suction. No. 2,903,560 by Alfred Barfuss and Willy Welz, assignors to Verwaltungsgesellschaft der Werkzeugmaschinenfabrik Oerlikon.

**TRIPLE DUTY TIME-SAVER for**

- *Composing Rooms*
- *Stereotype Departments*
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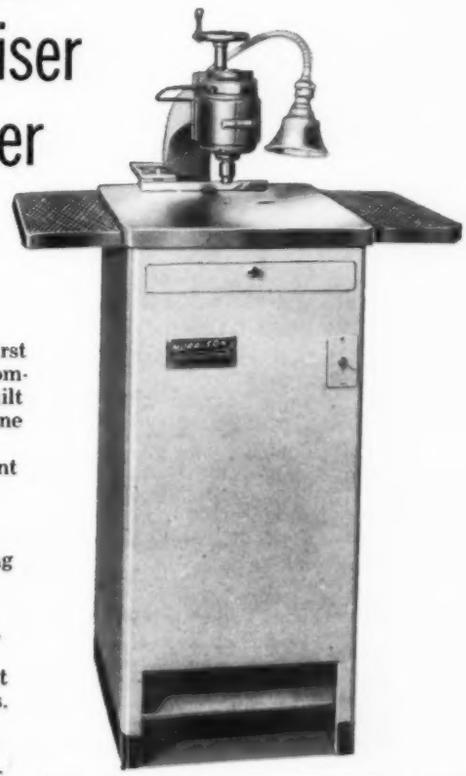

HERE, for the first time, is a *single* compact, precision-built production machine that performs THREE important jobs in every newspaper and printing plant — Routing, Mortising and Type High Planing . . . and completes all three jobs faster, easier, safer, with more accuracy, at tremendous savings in both time and labor! No need to invest in costly *single-purpose* machines. No need to tie up valuable floor space with three machines, when the new MORRISON ROUTER-MORTISER-PLANER does so much more — so much better.

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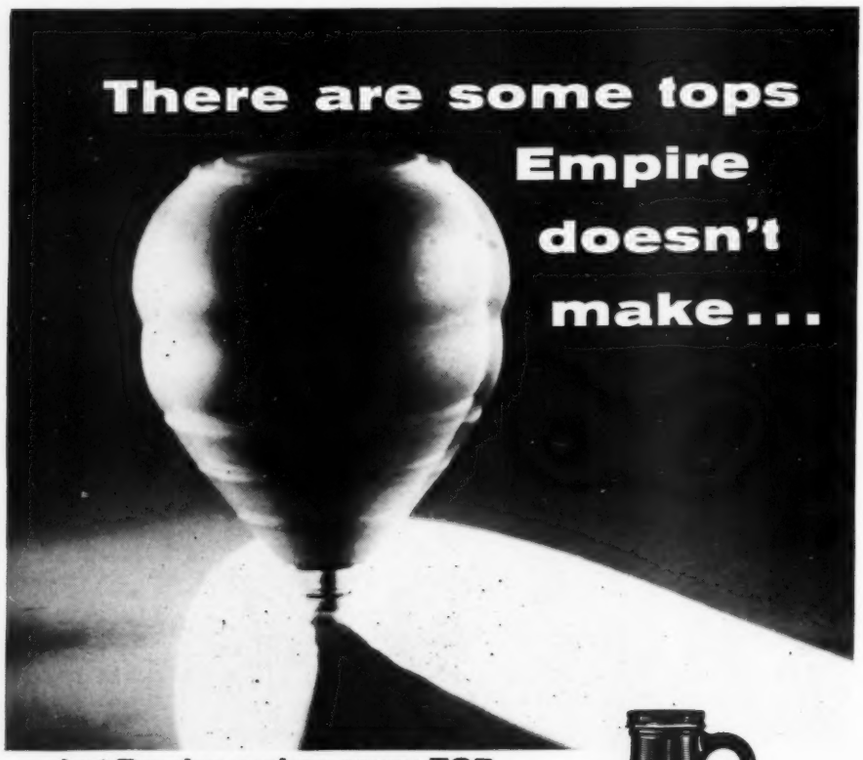
## *Miscellaneous:*

### WIRE MESH SCREEN FOR SILK SCREEN PRINTING PROCESS

For automatic silk screen processes of stenciling, this wire mesh screen, which may be used with structural frames now in use, is adapted for stretching between printing frames without the use of special tools. This is accomplished by means of the use of a floating bar at each side of the frame. The floating bars are grooved so that a part of the screen may be pressed into and locked in the grooves. The bars may then be turned to a degree to impart the desired stretch to the screen. No. 2,903,967 by Herbert S. Levin, assignor to Colonial Process Supply Co.

### CYLINDER SCREEN PROCESS PRESS

Papers are printed or decorated with paint, ink or flocking by this screen printing machine. It has a screen roller, which is a tension woven wire mesh cylinder with a doctor blade and throw blade positioned in the interior. Its function is to maintain a pool of ink to be applied under the roller. It has been found that the tensioned screen will accurately reproduce in large numbers upon the paper predetermined designs without smearing, or distortion. No. 2,906,201 by Samuel Blair, Jr., assignor to Velveray Corp.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## Equipment and Supplies

(Continued from Page 74)

### PORTABLE LIFT TABLES

A new series of portable lift tables available in an unlimited number of sizes and lifting capacities has been introduced

by Autoquip Corporation. Called the Porta-Lift, the units are designed so that they may be lowered to a height which will not interfere with traffic patterns in the plant. Other features include automatic controls, bearings which are said to require no lubrication, and a top which can be tilted to allow accessibility from any angle. Circle No. 264 on Reader Service Card.

### OFFERS REGISTER CONTROL SYSTEM FOR HIGH SPEED PRINTING

A control system has been designed to align two or more variable sets of register marks in high speed multicolor printing. The development, a dual registration control system by Stearns Control Corp., is said to make it possible to align two or more sets of variable marks without a fixed reference point. It is designed not only to tell when two sets of marks are registered but also the amount and direction they are off when not in register, stated the manufacturer. Circle No. 257 on Reader Service Card.

Vinylite Squaring Gauge—Graphic Calculator Co. offers a Graphic Squaring Gauge for use in lining up proofs, layouts, type forms, etc. When the gauge is placed over the form or copy, errors in alignment are disclosed. Manufactured of vinylite, the gauge is provided with scribed lines at 1/8 in. intervals both horizontally and vertically. The gauge covers an area of 12 in. by 18 in. and is 3/32 in. thick. Circle No. 255 on Reader Service Card.

# Why press manufacturers depend on Baldwin® cooperation on washup problems . . .

"They took care of it when they designed the press." That's how one pressman explained why ink-roller washups are no problem on *his* machine. He added: "Of course, it's a *Baldwin* Press Washer."

Yes, the designer's drawing board is the best place to take care of washup problems on a new press. And more and more press manufacturers depend on Baldwin engineering cooperation to guarantee the pressman (and management) all the advantages of fast, clean washups. Baldwin engineers work directly with the press manufacturer's designers . . . bring to bear on the problem the full weight of almost three decades of experience in designing press washers for all kinds of equipment.

Originally, Baldwin Press Washers were developed for offset and letterpress equipment in the commercial field. Today, they are cleaning ink rollers on all kinds of machines, both sheet-fed and web-fed: newspaper and magazine publication presses, printer-slotters, wrapper and bag presses, metal decorating presses, forms presses, proof presses, envelope presses. When a washup problem arises—whether the press is on the drawing board or in operation—the natural thing to do is to look to Baldwin for help.

Baldwin Press Washers are patented and new patents are pending.

**A PRESS MANUFACTURER SAYS:** "Today, the demand for quality keeps us stepping to make sure every part of this intricate precision equipment is just right for the job. We buy a great many units from specialists—motors, pumps, rollers, compressors, and the like. Naturally, we depend on Baldwin to solve our washup problems because they are *the* specialists."

**A PRESSMAN TALKS:** "In my apprentice days, I learned that if it isn't a Baldwin it isn't a press washer. And every press I ever worked on—even the special jobs—had Baldwin Press Washers. I get a good, clean washup in a couple of minutes, and I agree with the boss in the front office when he says that *fast* cleaning means lower costs; *thorough* cleaning means *higher* quality."

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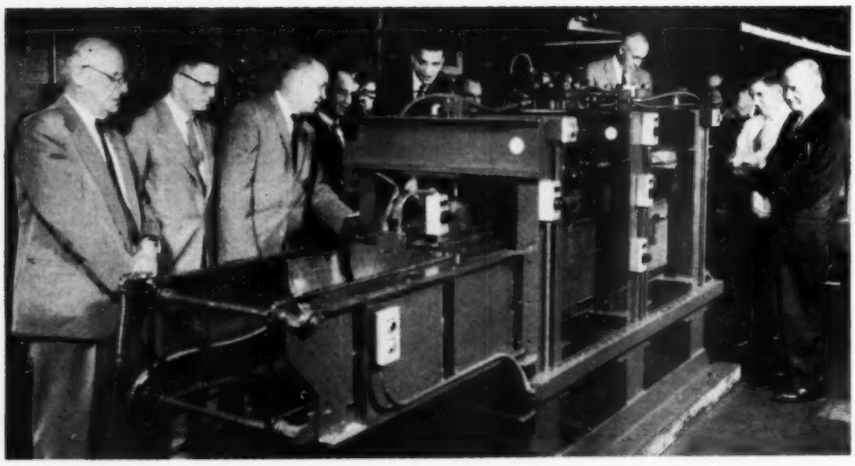


**Interested onlookers at the demonstration of the Color-Line plate backing press held recently at the Chicago plant of Printing Supply Co.**

### COLOR-LINE PLATE BACKING PRESS FOR LIGHTWEIGHT ELECTROTYPES

Printing Plate Supply Co. claims its new automatic Color-Line plate backing press will produce an excess of 30 backed electrotype shells per hour. After placing the electrotype shell with the premakeready mat and Color-Line backing sheets in the loading position, the press will automatically process the plate through the pre-heating station, the heating and pressure station, the water cooling station, and finally the unloading station.

Plates are conveyed by chain powered trays. Pressure is applied by means of air pressurized diaphragms. The completed plate consists of an electrotype shell backed with a combination of plastic and aluminum.

The company has also developed an all plastic Color-Line base which is to be known as the Color-Line PVC series. The press is capable of handling both the Color-Line PVC material and the Color-Line combination aluminum and plastic sheet. Circle No. 261 on Reader Service Card.

### AUTO-PACK STEREOTYPE MAT ANNOUNCED BY NEW PRODUCTS DIV.

The New Products Div. of Beveridge Paper Co. has announced development of a packless stereotype mat for newspaper production. It has been named Auto-Pack. Manufacturer states the new mat is over 50% compressible and can be molded with the same pressure as the standard mat.

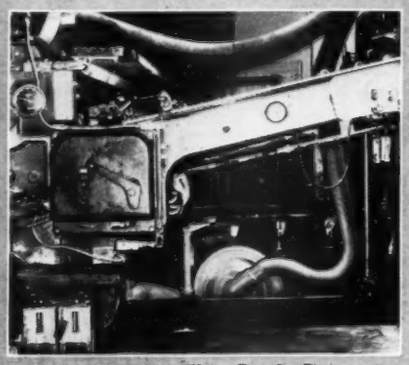
Sponsor also states any number of newspaper page casts may be made in the Automatic platecasting machine from a properly processed Auto-Pack mat.

New Products Div. recommends that a depth of at least 0.040 in. be maintained in the non-image areas of the form. It is suggested that the photoengraving, composing and stereotype departments make it standard practice to provide this depth in the non-image areas of the plate. Circle No. 288 on Reader Service Card.

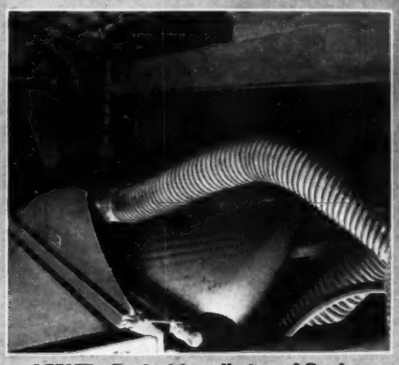
### SAFETY CAN FOR FLUIDS

For dispensing flammable or volatile cleaning fluids the Eagle Manufacturing Co. has released a safety plunger can. Pressing down on the spring loaded shaft forces a measured amount of fluid to rise where it can be absorbed by a cloth or brush. The approved can is equipped with a perforated metal screen in the dasher which acts as a fire baffle against ignition. It is available in 1 qt., 2 qt., and 1 gal. capacities. Circle No. 256 on Reader Service Card.


TIME CARD UP TO 15% MORE RUNNING TIME . . .



LETTERPRESS—This Doyle Paper Cleaner removes all offset spray and assures continuous operation without stops for unnecessary washups.



OFFSET—Typical installation of Doyle manifold on a web press to remove paper dust, shreds and loose edges.

Here's an easy way to get up to 15% . . . and more . . . additional running time from your large presses. If you're like most good printers, your pressmen devote at least 15% of every hour for washing up plates. They're washing off paper, lint, dirt and offset spray that causes hickies, freckles and other undesirable spotting on quality printing. Equipping your presses with Doyle Paper Cleaners keeps your paper stock and plates clean as a whistle. Sucks off all offset spray, paper dust and other loose material. As a result your press running time soars to new highs. Doyle Cleaners are used in many leading plants. They should be in yours, too. Write today for full details giving us your large press specifications.

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### CONTINUOUS FEEDER AND DELIVERY FOR MIEHLE OFFSET PRESSES

Now standard equipment on all medium size multicolor offset presses of the Miehle Company, Div. of Miehle-Goss-Dexter, Inc., are continuous feeders and deliveries. The continuous equipment will also be available on single color units 25 and over it was announced.

When the expiring load is down to the last few inches (Fig. 1), chrome plated rods are inserted in a special frame to hold the remaining sheets (Fig. 2). The feed board is lowered and a new load is raised. The rods are then removed (Fig. 3) and the new load will feed when the expiring load is exhausted.

The continuous delivery works in conjunction with an auxiliary sheet catcher. The operator slides the sheet catcher into position to support the delivered sheets while the finished load is being removed. A new skid is then placed into position and the sheet catcher is removed. Circle No. 259 on Reader Service Card.

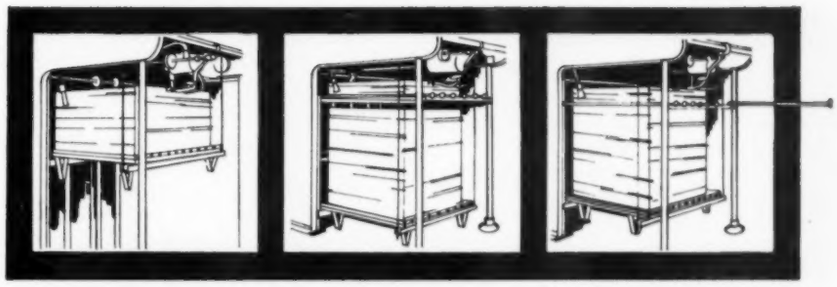
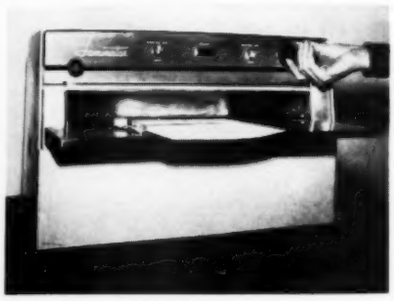


Fig. 1 Fig. 2 Fig. 3

**Miehle's continuous feeder operation is shown in the accompanying pictures. At left is the expiring pile. Center, rods have been inserted in the special frame and a new pile is in position to be raised. At right, the rods are being removed to allow the feeding of the new pile.**

### LAMINATOR FOR SEALING VARIOUS MATERIALS IN FILM OR ACETATE

A laminator for sealing paper, chipboard, cover stock and most originals in any type of film or acetate has been announced by General Binding Corp. Known as the



Auto-therm laminator, Model 1-17-D, the unit has a controllable thermo-dial heat range of 120 deg. F to 380 deg. F and a variable processing speed from 12 ft. per min. to 25 ft per min.

Independent of the heat dial, the laminator's speed control makes it possible to seal all originals regardless of thickness. This means that by operating the machine at slow speeds, extra thick originals can be exposed longer to heat, assuring secure film fusing.

Material up to 17 in. wide by any length up to the 2000 ft. film roll capacity can be encased automatically. Special GBC polyester films can be laminated at the exact fusing point. Distribution of heat is made possible by three thermostats. Circle No. 285 on Reader Service Card.

### CUSHIONED, SELF-SEAL MAILING BAG

A cushioned shipping and mailing bag with a self-seal closure and zip cord opener is being marketed by Henry B. Katz Industries, Inc. Called the Zip-Pak, the bag is made from single faced corrugated and is recommended for shipment of books and catalogs. The bag comes in 10 sizes from 4 in. by 8 in. to 14¾ in. by 20 in. Circle No. 284 on Reader Service Card.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### G-E TWIN LOAD CENTERS ISOLATE LIGHTING AND APPLIANCE CIRCUITS

Two circuit breaker load centers designed to combine single and three-phase branch circuits in the same load center have been announced by the Circuit Protective Devices Dept., General Electric Co. The devices incorporate a lug and single breaker stab unit isolated from the main bussing.

This stab unit can be used for connecting the wild or high leg of a 3-phase, 4-wire delta system, states sponsor. Breaker handle knockouts in the load center front trim are arranged to permit only single-handle, 240 v. G-E Type TQL breakers to be connected to the high leg phase.

According to manufacturer, this bussing and knockout arrangement meets the requirements for connection of 120 v. lighting and appliance circuits to phases as stated in the National Electrical Code. Circle No. 289 on Reader Service Card.

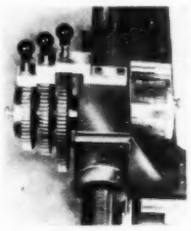
### COPYFITTING SLIDE RULE

A copyfitting aid has been developed by Taylor Publishing Co. Called the Copyfitter, the slide rule is described as a combination of logarithmic scales and can be used to solve a variety of copyfitting problems. The company stated that by using the copy character count as one factor and the characters per pica as the other factor, a single setting of the rule will give the number of lines the copy will make in any one of a range of measures.

Given the space and copy to be used, the type face and size that will fill the space can be found. Other basic problems similar to those stated can be solved according to the manufacturer by setting two known factors in a problem together on their respective scales and the answer will be found opposite the other known factor. Circle No. 253 on Reader Service Card.

### STRAIGHT EDGE OF LINEUP TABLES CAN BE POSITIONED AUTOMATICALLY

The straight edges on Gelb lineup tables can now be positioned automatically by the operator, states Jos. Gelb Co. The company also claims that the straight edge on these tables can be positioned to an accuracy tolerance of 0.001 in. The operator sets the gear set vernier to the desired calibration and by depressing the engaging pinion, the straight edge is said to be positioned to a 0.001 in. tolerance by mechanical means. Illustrated is a triple ganged gear set with corresponding verniers for 1/64 in., 1/72 in., and 1/100 in. This is optional equipment on Gelb tables. Circle No. 257 on Reader Service Card.

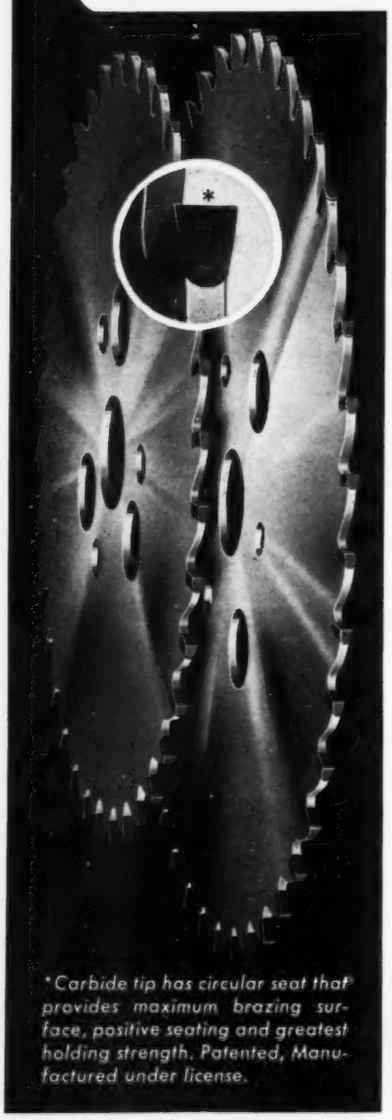


### CHALLENGE ANNOUNCES CHANGES IN 30½ IN. AND 26½ IN. CUTTERS

Challenge Machinery Co. has announced the improvement of its 30½ in. and 26½ in. power paper cutters. Both cutters offer semi-automatic cutting and power clamping. The hydraulic clamping cylinder has been moved below table level so that no liquid can reportedly leak on the stock. A double gear and rack pull down of the clamp is said to provide equal pressure along the entire clamp regardless of the location and size of pile.

Safety features of the models include two-hand controls; if either lever is released, the knife bar stops. If both levers are released, the knife returns to starting position. A safety lock holds knife in up position. Removal of the knife for sharpening has reportedly been eased by the addition of slotted knife bar bolt holes and the location of the bolts so they are between the side frames at all points in the cutting cycle. Circle No. 290 on Reader Service Card.


CARBIDE "THINSAW"




*Carbide tip has circular seat that provides maximum brazing surface, positive seating and greatest holding strength. Patented. Manufactured under license.*

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—LONGER LIFE

—CLEANER CUTS

**Try It FREE for 30 days!**

The secret's in the circular seat! Patented carbide tip design and Gay-Lee method of brazing carbide tips to saw provide: positive seating, more brazing surface and greater holding strength — carbide tips will not break loose.

Designed for composing rooms, these "Thinsaws" operate smoothly without scream, pileup or sticking even on the new alloys including Dow metal. They give you cleaner cuts, excellent back rake cutting, freedom from burrs and *eliminate the need for trimmer blades.*

Gay-Lee Printer's "Thinsaws" outlast all others regardless of cost—they soon pay for themselves! Try one in your shop—absolutely free for 30 days. *If not* completely satisfied, return it for full credit.

***IMPORTANT:*** Please specify make of machine. Also using your present saw as a template, trace the hole pattern and send us the tracing.

GAY-LEE COMPANY
CLAWSON • MICHIGAN
CARBIDE SAW SPECIALISTS

***For More Information Circle 65 on Reader Service Card***

**Squirter for Press Washup**—An unbreakable polyethylene solvent squirter, said to make it possible to washup a 77 in. press with less than a pint of solvent, has been announced by William Gegenheimer Co., Inc. It is claimed that with the squirter it is possible to direct the correct amount of solvent to the right place on the press. Circle No. 262 on Reader Service Card.

#### SOLVENT CLEANS ELECTRICAL MOTORS

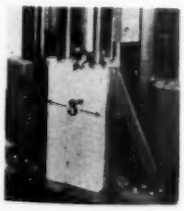
Packaged in an aerosol container, Swish Elektrokleen, a product of the Montgomery Chemical Co., is said to completely clean electrical motors of all grease, dirt, etc. The product is provided with a special nozzle which produces a concentrated drenching spray in order to flush off the material. According to the maker, Swish Elektrokleen is non-combustible and non-toxic. It is claimed to be harmless to metal parts and paint. Circle No. 268 on Reader Service Card.

#### HIGH ALLOY STEEL PAPER KNIFE

A paper knife made from a specially processed alloy steel has been developed by the Ohio Knife Co. Called the Jet-Cut, the knife is said to have a precision ground cutting edge resistant to wear and which eliminates drag and dust. The face area and cutting edge are polished to a 5-6 micro in. finish. Circle No. 291 on Reader Service Card.

#### CORNER CUTTER FOR 3 TO 14 IN. STOCK

A Duplex corner cutter that cuts two rounded corners at one time on a paper or board from 3 in. to 14 in. wide has been made available by W. O. Hickok Mfg. Co. Designated Model No. 1, the cutter is equipped with two sets of interchangeable side guides for varying depths of stock. The minimum depth of stock that the cutter can handle is 2 in.; maximum depth is 6 in. Knives range from 1/8 in. radius to 5/8 in., in increments of 1/16 in. The cutter occupies a floor space of 25 in. by 36½ in. and weighs 1100 lbs. Circle No. 280 on Reader Service Card.



#### BOOKBINDING ADHESIVE FOR BONDING VINYL PLASTIC COVERS TO PAPER

Adhesive Products Corp. announces the development of Katex, a non-inflammable bookbinding adhesive which reportedly makes it possible to bond vinyl plastic book covers to paper using the methods and equipment used to adhere paper book covers. Katex is said to form a strong, permanently-flexible, waterproof bond with plastics. Designed for high speed casing-in operations, the adhesive may be applied by brush, spray or machine and may be cleaned from equipment with soap and water, before it dries. Katex is available in one and 5 gal. cans and in 55 gal. drums. Circle No. 281 on Reader Service Card.

#### BOND PAPERS IN LARGER SIZES

Finch, Pruyn and Co, Inc., reports that 16 lb. and 20 lb. Finch Duplicator and Mimeo Bond are now available in two larger sizes. The new sizes, 17 in. by 22 in. and 22 in. by 34 in., are intended for printing 8½ in. by 11 in. letterheads and forms four-up and eight-up. Circle No. 252 on Reader Service Card.

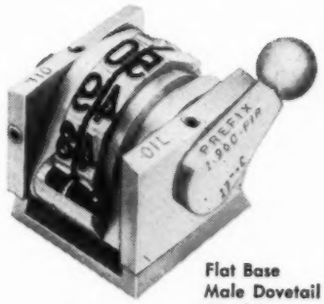
#### PAPER FEED ATTACHMENT FOR SMALL OFFSET PRESSES

A back paper guide named the Flexiguide has been developed by Hampton Processes, Inc. for use on Multilith and Davidson offset presses. The back guide is said to reduce paper waste.

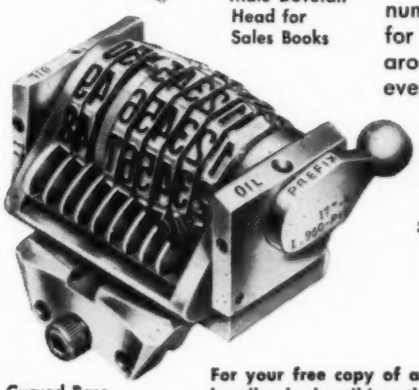
The accessory is fitted with a dual


ANOTHER FORCE FIRST...

# THE "1000 SFM*" SYSTEM REDUCES NEED FOR SPECIAL ORDER NUMBERING MACHINES



Flat Base Male Dovetail Head for Sales Books



Curved Base Female Dovetail Head for Order Books

Now you can own a numbering system *customized* to your precise needs without paying for special "built-to-order" machines. Developed by Wm. A. Force & Co., Inc., numbering machine pioneers since 1875, the amazing "1000 SFM* Universal Rotary Numbering Head Component System" gives you the heads, cams, holding rings, and adapters you need to speed up production on complex numbering jobs. Start with a basic set-up for your current requirements and build around it as new needs arise. Parts for every press are available and shipped as soon as needed. Sales and Order Book Heads are two of the many components available in this high-speed accurate numbering system.

* *Accurate numbering at 1000 Surface Feet per Minute on 17" circumference presses and larger.*

**For your free copy of a fully illustrated 48 page handbook describing this unique, money-saving "1000 SFM" Numbering System, fill in and mail this coupon today:**

WM. A. FORCE & CO., Inc.
216 Nichols Ave., Brooklyn 8, N. Y.

Please send free illustrated 48 page handbook on the Force "1000 SFM*" Rotary Numbering System.

COMPANY_____
INDIVIDUAL_____
ADDRESS_____
CITY_____ZONE_____STATE_____
We have the following rotary printing equipment:
_____

*For More Information Circle 64 on Reader Service Card*

spring system which will swing upward in order to insert extra paper as well as preventing damage when contact is made with the paper platform. The manufacturer claims the Flexiguide permits inserting up to an extra ream of paper on the feed platform. Also paper may be added or removed while the press is in operation. Circle No. 269 on Reader Service Card.

#### ADHESIVE FOR PAPER PASTEUPS

An adhesive in dry bar form for paper pasteups which is applied with an electric coater has been developed by Halber Corporation. Known as the Lectro-stik, the adhesive is said to stick to paper, glass, film, metal, paint, and wood. The electric coater, which lays down an inch wide coating, is said to run on low current. Manufacturer states that with Lectro-stik, paper can be mounted instantly and may be peeled and readhered many times without recoating. Circle No. 292 on Reader Service Card.

#### UNA-DYN INDUSTRIAL DEHUMIDIFIER

An automatic dehumidifer for humidity control and processing, Model A75, has been announced by Universal Dynamics Corp. According to the sponsor, the A75 can handle up to 700 cu. ft. of air per min. and can remove 300 lbs. of water in 24 hrs. Used originally for humidity storage, the A line of dehumidifiers are now reportedly used for dry air in processing applications, humidity control in unheated spaces, low temperature installations, and also in combination with cooling equipment without complications of using re-heat. Circle No. 293 on Reader Service Card.

#### VACUUM PRINTING PLATE CLEANER

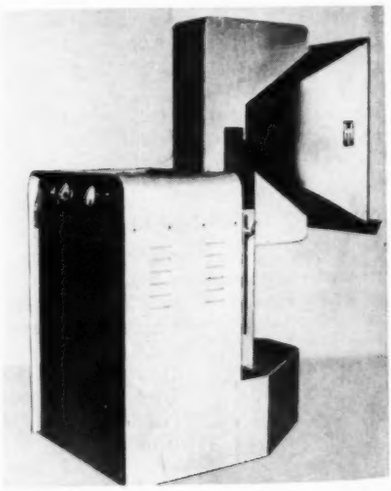
E. L. Harley, Inc., announces the Harley vacuum plate cleaner for use on all types of printing plates. The portable unit pumps cleaning fluid from an agitator that cleans the plates and then vacuums waste materials into a separate compartment. The cleaner is said to cut down fire hazards and increase plate life. Circle No. 258 on Reader Service Card.

#### TWO PAPER DRILLING MACHINES

Two paper drilling machines designed for small shop or duplicator operations have been announced by the Challenge Machinery Co. Each model drills up to 2 in. of stock at a time and will handle cornering, slitting, and slotting by means of attachments. One, the Model CA, is a hand operated bench type drill. The other, Model CF, is a foot operated stand type drill. Work table size of each model is 19½ in. by 31½ in. Circle No. 294 on Reader Service Card.

#### NEW MACBETH CONSTANTARC LAMP

Macbeth Arc Lamp Co. has introduced a new integral Constantarc printing lamp as the first in a series of new lamps



commemorating the company's golden anniversary. Called the Mark Fifty, it is a completely integrated, high intensity motor controlled printing lamp equipped with the Constantarc features, states Macbeth. It is also furnished with a console type mounting containing a timer, starter, integral wiring, fuse protection and built in filtered exhaust system. Circle No. 295 on Reader Service Card.

**BUILT FOR PUNISHMENT ...AND PERFORMANCE!**

When the going is tough, call for Tingue Contact Top Blankets —"Contact" has greater comeback ability and makes it more resistant to the costly, damaging effects of wraps and paper breaks. It is the most efficient blanket for advanced high-speed equipment—for superior printing, reduced offset and less ink accumulation.

Send for a free Tingue, Brown catalogue today.

**TINGUE, BROWN & CO.**
*"Blanketeers Since 1902"*

1765 Carter Avenue • New York 57, N. Y. • CYpress 9-8800
507 Bishop Street, N.W. • Atlanta 13, Ga. • TRinity 4-3864
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*Please send me your free catalogue of blanket and drawsheet samples for all types of press operations.*

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FIRM NAME _____

ADDRESS _____

*For More Information Circle 173 on Reader Service Card*

# The FINEST Rotogravure calls for the FINEST cylinders

**That's why America's leading Plants "STANDARDize !!"**

Every Standard-built cylinder is manufactured to the highest precision from quality materials. They're machined, assembled, balanced, copper plated, ground and polished COMPLETELY, under our own roof!

**YEARS OF EXPERIENCE**
Re-Copper plating, grinding and polishing Gravure Cylinders

**STANDARD PROCESS CORPORATION**

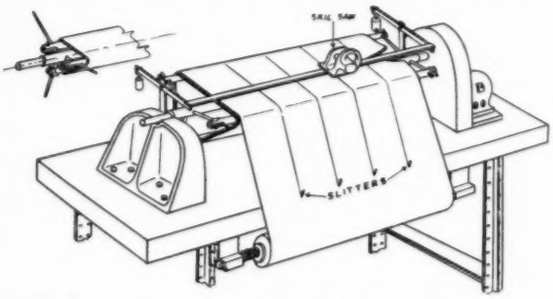
*Manufacturing Gravure Equipment and Supplies*

**2704 WEST ROSCOE STREET**
**CHICAGO 18, ILLINOIS**

*For More Information Circle 196 on Reader Service Card*

# CAPCO CORE STRIPPER

## Turn your core waste into money!




- Core paper removal completely automatic
- Adjustable reel gives various lengths, from 4" to 37", for copy proofing, towels, wrappers, resale, etc.
- Provides any size sheet with Skil saw and slitter attachments.
- Special machines to order.

**Write, wire or phone for complete information**

**Capital Tool & Manufacturing Company**
**5000 Calvert Road, College Park, Maryland**
Telephone: UNion 4-7677

*For More Information Circle 29 on Reader Service Card*

# PIONEER

## PAPER DRILLS

***The Outstanding Value of the Industry***

Holes for post and ring binder forms, 14 sizes from 1/8" to 1/2", with centers as close as 3/8". Table 32" x 18" with black plastic surface. Gages are aluminum. Job set-up is the easiest and most accurate in the industry, with quick-change fixed gage rods available for repeating jobs. Cornering, slotting and slitting.

**BENCH MODEL-$211.00**
**FOOT-FEED MODEL-$286.00**

## PLASTIC FILM DRILLS

***Now Plastic Film Can Be Drilled Like Paper In Full Packages***

Our paper drilling machines above, when equipped with these special drills will handle the non-heat-sealing varieties. The more sensitive heat sealing films require different treatment, for which we have a drilling machine of the proper characteristics. Printers, packagers, and converters are invited to send in a trial lift of their material for test drilling.

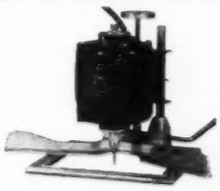
## PIONEER JUMBO DRILLERS

***For Display and Label Work***

Here are the first lever-operated drillers for holes from 1 inch to 2 inches in diameter. The operation is easy due to the design of the hollow drills. These drills don't need hydraulic power. The sliding table will handle sheets 15" x 30", in lifts an inch thick. Output of gallon paint labels (2 holes) is 10,000 to 20,000 per hour. Prices, complete and ready to run, $800.00 to $1,000.00.

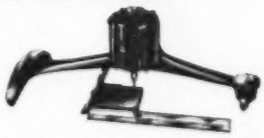
## PIONEER ROUTERS

***One for the Press Bed***



Discard the chisel and hand drill—here's a router for the locked-up form. Can't harm the printing surface because it rides on a sub-frame. Excellent visibility, control, and speed. Another Pioneer first. $90.00

***Routs and Planes on the Bench***



This three-legged little hustler is standard equipment with weekly papers from coast to coast. Here's a lot of performance for very little money. Workholders for type-high and unmounted plates. $78.00 complete.

Detailed information on any of the above is available on request.

**PIONEER-TOLEDO CORPORATION**

**1117 Nebraska Avenue • Toledo 7, Ohio**
**SAW TRIMMERS • PAPER DRILLS**
**ROUTERS AND PLANERS • PAPER CUTTERS**

*For More Information Circle 220 on Reader Service Card*

### Electrotypers Plan 1959-60 Self-Advertising Awards

The Intl. Assoc. of Electrotypers & Stereotypers has announced plans for the Third Annual Electrotypers and Stereotypers Self-Advertising Exhibition and Awards for 1959-60. The exhibition is open to all electrotypers and stereotypers throughout the world who use self-advertising. No entry fees are necessary, and the contest is open to non-members as well as members.

Awards are presented in two classifications depending upon the size of the plant. Twenty-five or less employees makes up one of the categories while 26 or more makes up the second. First awards for each group are $250 and a plaque.

Entry rules require that the material submitted must have been used during the period between Sept. 1, 1959 and Aug. 1, 1960. Further instructions may be obtained by contacting the IAES office, 758 Leader Bldg., Cleveland 14, O.


# AMSCO
## STEEL and ALUMINUM

## CHASES

THE BEST AND MOST ECONOMICAL MONEY CAN BUY!

Amsco Stereotype Chases (steel and aluminum) are designed and produced under the most rigid manufacturing standards known. Amsco basic metals—*by test*—have the chemical and physical characteristics necessary to insure construction of the most serviceable chases within the stress and strain limits of the materials used.

Amsco's electrically welded steel chases, with the smoothly ground joints, are world renowned for their accuracy and durability.

Amsco Aluminum Stereotype Chases are specifically made for operations wherein lightness is a desired factor. Steel insert supports reduces wear to a minimum at the contact points of the foot stick and side wedge screws . . . adding longer service life to the overall aluminum product.

All Amsco Chases are square and true because they're patterned from a template or a blue print.

Amsco is the house of the "complete chase line", for newspapers, commercial printers, stereotypers and electrotypers. Standards or specials are available.

THE AMSCO STORY IS AVAILABLE FROM OVER 300 STRATEGICALLY LOCATED DEALERS OR WRITE DIRECT FOR CATALOG.

**AMERICAN STEEL CHASE COMPANY**

31-31 FORTY-EIGHTH AVENUE LONG ISLAND CITY 1, N. Y.

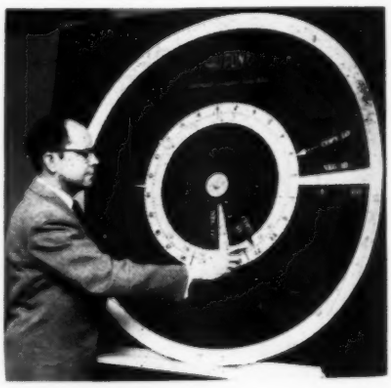
4312

*For More Information Circle 9 on Reader Service Card*


### Calculator Indicates Correct Exposure, Developing Times

An experimental model of a simplified Graphic Arts calculator on which lithographers and photoengravers may dial correct exposure and development times for processing continuous tone negatives has been developed by E. I. du Pont de Nemours & Co. It was introduced at the convention of the National Assoc. of Photo-Lithographers by Karl L. Thaxton, Du Pont Photo Products technical representative, who was a speaker at the convention.

The calculator is based upon the premise that once the variables that affect exposure and processing conditions have been standardized, there is only one set of exposure and processing conditions that will yield a desired result. Such variables are intensity of light source, temperature of development, type of developer, and degree of agitation. Once these variables have been brought under control, the calculator must be pre-set to conform to them. The operator sets the dials of the calculator according to known values of the highlight and shadow densities of the original copy, rotating them until the marker points to the desired negative highlight and shadow densities. Then, the calculator



**This experimental model of a Graphic Arts calculator is designed so that lithographers and photoengravers may dial correct exposure and development times for processing continuous tone negatives. It is being developed by Du Pont Photo Products.**

shows the correct length of exposure time in seconds and developing time in minutes.

Though the model is only experimental, Thaxton emphasized that Du Pont believes it can be perfected, if there is sufficient interest in the trade.

MEADE, Sr. MEADE, Jr. FRISENFELDT

*Printing Production* has appointed three new sales representatives to cover the New England and Western territories.

### *Printing Production* Names New Sales Representatives

The father and son team of E. P. (Dick) Meade, sr., and E. P. (Dick) Meade, jr., and Fred Frisenfeldt have been named sales representatives of PRINTING PRODUCTION magazine. The Meades of Meade & Company, 471 Statler Office Bldg., Boston, will represent the magazine in New England. Frisenfeldt, 1709 W. Eighth St., Los Angeles, is the new Western representative.

### Schedule Survey Into Need For Midwest Printing School

An investigation into the needs, methods and markets for the development of a major Midwest school of printing management and printing engineering is being sponsored by the Printing Industry of Illinois with the cooperation of Northwestern University. Consideration will be given to one and two year graduate level courses and to the establishment of an undergraduate program. A report on this survey is to be made available before the association's annual meeting in May 1960.

### Film on Gravure Industry

A film dealing with the role of rotogravure in selling, in packaging, in publication advertising, and with the gravure research program has been produced under the auspices of Gravure Technical Assoc. The 27 min., 16 mm. color and sound film shows various stages of gravure production methods.

### Two Illinois Groups Merge

The Master Printers Section of the Printing Industry of Illinois Assoc. and the Employing Printers Assoc. of Illinois have merged into a joint organization known as the Master Printers Section—Employing Printers Assoc. of the PII. Richardson S. Hiney, secretary of the Master Printers Section, will be secretary of the organization.

### SPPA Elects New Officers

Ralph Karsten of Screen-Flock Industries, Chicago, was elected president of Screen Process Printing Assoc., Intl., at the association's 11th convention held last month in New York City. Other new officers are: Robert Vandenbossche, Holland & Neil, Toronto, Can., vice president, and Robert Norton, R. H. Norton Co., New Haven, Conn., treasurer. The convention was attended by more than 2500 people in the screen process field.

These Features of C&P Hydraulic Cutters

ASSURE ACCURATE CUTTING...EASIER OPERATION

Your operator will appreciate these important features on C&P Full Hydraulics:

- Both knife and clamp are completely hydraulic.
- Approved safety two-hand operation.
- Motor, hydraulic pump, cylinders and other operating mechanisms placed below cutting table eliminating oil dripping on the stock.
- Binder clamp pulled from both ends always kept parallel to the table exerts equal pressure the full width of the stock.
- Two operating levers—one of which controls both the clamping and cutting action.
- Binder clamping, pressure adjusting handwheel accessible at the front of cutter.
- Illuminated front table top and tape magnifier.
- ***Full hydraulic machines can be equipped with either a manual or an automatic spacer.***
- 3 sizes — 23"; 26½"; 30½".

*These cutters are also available in the same sizes with hand wheel binder clamp instead of hydraulic clamp.* ***Hand clamp machines can be equipped with a manual spacer.***

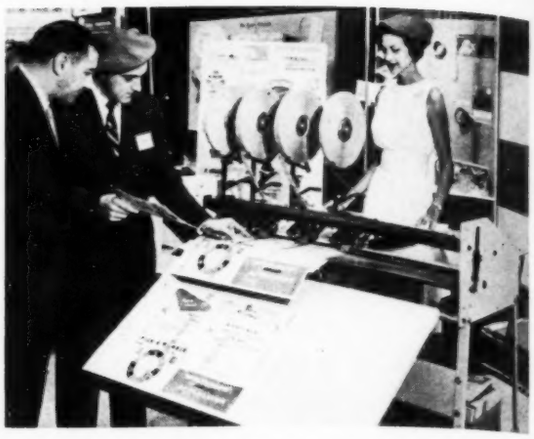
THE CHANDLER AND PRICE COMPANY
6000 Carnegie Avenue • Cleveland 3, Ohio
Manufacturers of dependable printing presses and paper cutters

*For More Information Circle 39 on Reader Service Card*

## Multiple Tape Applicator

A multiple adhesive tape applicator was introduced at the Graphic Arts Exposition in New York City by Kleen-Stik Products, Inc. The applicator is designed with three taping heads and will accommodate an additional three. It can reportedly be used to apply up to six pressure sensitive adhesive tapes at one time.

The Multi-Tape Applicator is equipped with an electric sheet counter and a finished sheet stacker. Manufacturer states the unit will handle any stock in a range of weights from a 3-mil plastic to a 62-pt. board. Maximum spot sheet size which can be handled is 40½ in. by 72 in.; strip size, 40½ in. by unlimited length. Tape widths which can be applied are ½ in., ¾ in., and 1 in. of D Tape or Dubl-Stik. Minimum space between tapes is 3 in. center to center.



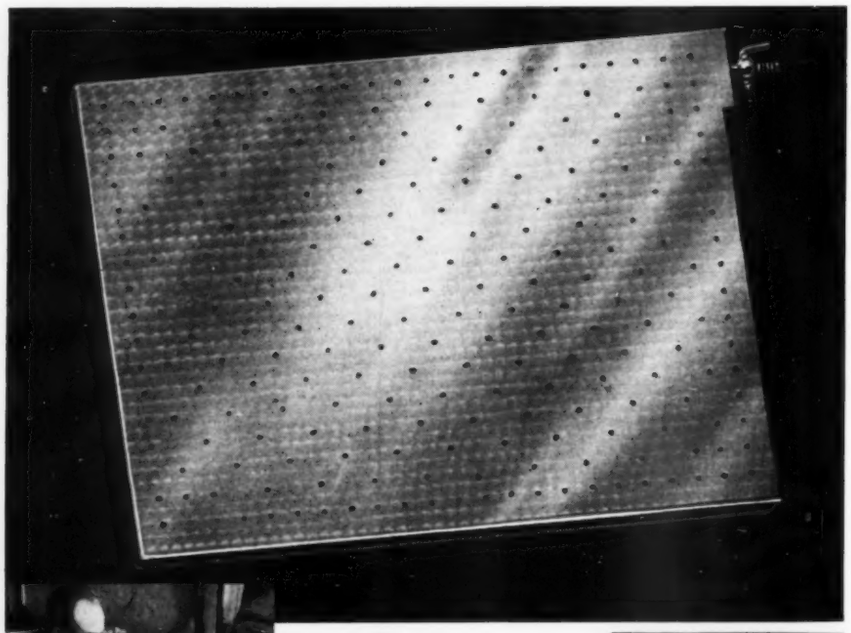
Operation of the Kleen-Stik Multi-Tape Applicator is explained to a booth visitor by Len Milke (second from left), at the International Graphic Arts Exposition, New York City.

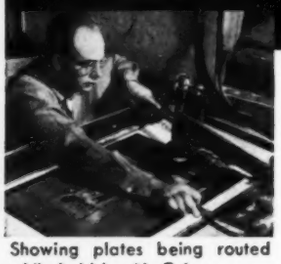
## Aids Printing Annual Reports

A handbook designed as a guide for the preparation and production of annual business reports has been published by Research Bureau, Inc. Such areas as cover design, charts, graphs, all types of art, photography, paper stock, transmittal forms, and methods of printing are covered. Entitled *The Preparation of the Annual Report—a Document of Modern Business*, the volume is priced at $15 and is distributed by the Annual Report Div., Research Bureaus, Inc., Kensington Station, Detroit 24, Mich.

## Industrial Safety Manual

The National Safety Council has published a fourth and revised edition of its *Accident Prevention Manual for Industrial Operations*. The manual was compiled, edited and reviewed by safety specialists. Information about the manual may be obtained from the Council at 425 N. Michigan Ave., Chicago 11.



Showing plates being routed while held by Air-Grip.

Shows plates being held ready for proofing.

Showing plates, on paper cushion over chuck, ready for shaving.

Air-Grip VACUUM CHUCK

HOLDS PLATES FOR ROUTING PROOFING OR SHAVING

The only vacuum plate chuck for engravers, electrotypers, and stereotypers. Holds plates with atmospheric pressure (approximately 14 pounds per square inch) without clamping, locking or gluing.

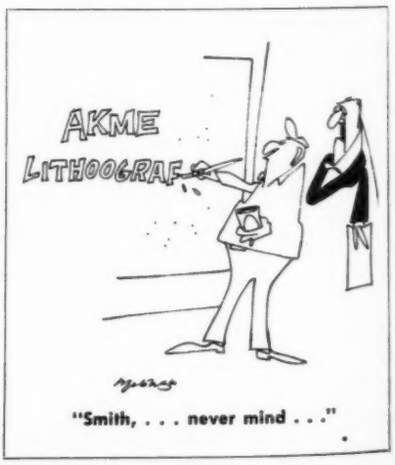
To use, simply position plates on chuck. Apply vacuum and plates are gripped firmly. Then rout, proof or shave plates. When through, turn off vacuum and plates are released.

Saves time, money and materials. Efficient, economical and sensibly low-priced. Comes complete with vacuum pump. Write for folder and prices.

THE Monomelt COMPANY, INC.

1611 N. E. Polk • Minneapolis, Minnesota

*For More Information Circle 124 on Reader Service Card*


"Smith, . . . never mind . . ."

### Color Separation Process Utilizes Electronic Methods

Vivicolor, Incorporated, reports it has developed an electronic color separation process which requires no hand work. Vivicolor claims that it can produce four color halftone separation negatives or positives for making plates for any size offset press by this method. The process, offered as a service to lithographers, is said to make 150 line screen enlargements up to 11 in. by 17 in. from copy transparencies ranging from 35 mm to 5 in. by 7 in.

### Winner of Challenge Contest

The winner of a product naming contest held in conjunction with the recent Graphic Arts Exposition in New York has been announced by Challenge Machinery Co. Awarded the $100 first prize for being the first to submit the name, Trulite, for the new Challenge lightweight metal furniture was Frank J. Kalas, Tolland, Conn.

### Films Encourage Plant Safety

The National Safety Council has released a series of four films entitled, *Communication for Safety.* Designed to get supervisors and foremen to communicate with workmen for safety's sake, the films are a combination of live-action photography and animation. They are available in 16 mm. sound motion picture and in 35 mm. sound slide film from the Council, located at 425 N. Michigan Ave., Chicago 11.

## Research Group Approach

(Continued from Page 55)

group and to influence a whole industry. They did not have the large research budget, either. It did not exceed $50,000 annually in those early years of its successful operation.

Photoengravers Research, Inc., had its beginning in 1945 when a group of engravers from the southwestern part of the United States went to Battelle and plotted their problems for study. Meager budgets, never over $25,000 annually for several years, resulted in some success, but mostly in disappointments, until the discovery by Rex Jones (Battelle staff member) that Thiourea would give some of the protection to copper during etching.

1960 PRINTING WEEK January 17-23

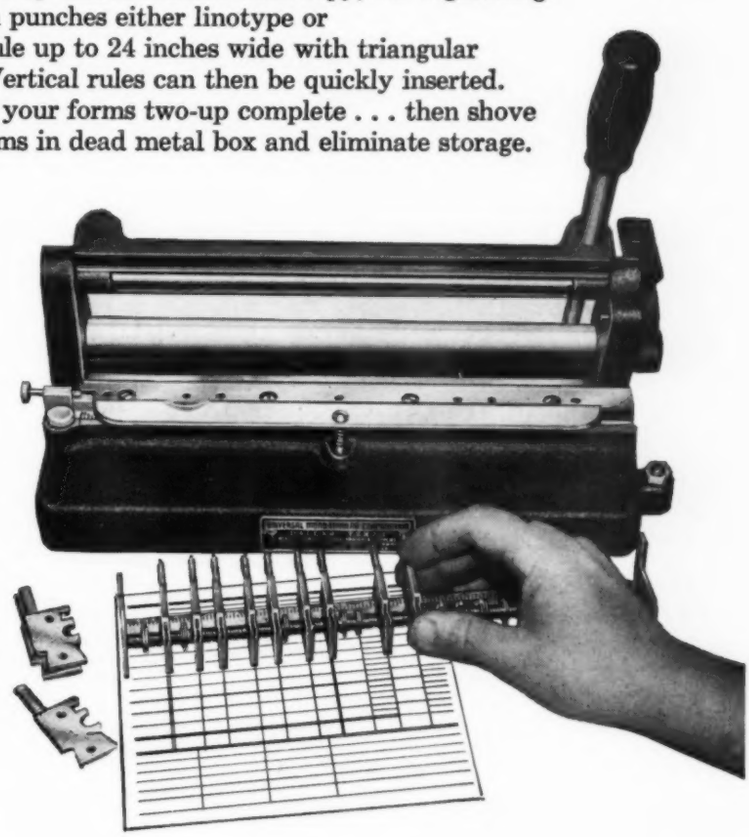
1960 PRINTING WEEK January 17-23

This made it practical for powderless etching of copper plates. The details of Jones' invention were developed at Georgia Institute of Technology and the process has become so successful that it now has imitators in the field.

Photoengravers Research has grown too, and in October of this year made the announcement that a full time research director would take over, that the laboratory would become independent of all research groups, and operate at Park Forest, Ill. This was another example of a small group's persistent efforts to improve its position. The initial membership was about 30 engravers, but it has grown to 120 members and enjoys the unique position of having its budget augmented by grants from both the Intl. Photoengravers Union and the American Photoengravers Assoc. I know of no other research activity in which a labor union contributes its funds toward the im-


ruled form composition made easy!

The Honig Multiple Broach permits rapid setting of punches by direct contact with copy, for registering. Broach punches either linotype or strip rule up to 24 inches wide with triangular slots. Vertical rules can then be quickly inserted. So run your forms two-up complete . . . then shove the forms in dead metal box and eliminate storage.



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provement of the industry it serves. This should be an example for union and management alike in other branches of the industry.

### Activities in Gravure Field

The gravure process has always enjoyed greater popularity in Europe than in the United States. This may lead to the erroneous conclusion that the art is better developed there than it is here. To some extent this may be true, but the important factor is the vastly different markets these two areas serve. Long publication, catalog, and packaging runs raised problems never encountered by the European gravure printer. The reluctance of the advertiser and the mail order catalog publisher to embrace gravure disturbed gravure leaders and they led the drive to organize for an industry attack on the process.

Gravure Research, Inc., is another of those groups which started its activities at Battelle Memorial Institute. Its staunchest supporters were the small operators and the service houses, led by Len Pinover in the New York area, and George Preucil in Chicago. There were others, just as energetic, who kept the program going with the support of about a dozen of the more progressive gravure printers in the United States. Their activities and successes outgrew the Battelle arrangement and an independent laboratory has been operating in New York City since about 1956.

Gravure Research now has more than 30 members and an annual budget which must approximate $60,000. Among its unique functions has been that of interpreting for the industry the developments and the materials coming from suppliers and others. This service, not usually thought of as research, is an important function and one which did much to influence Photoengravers Research to establish its own laboratory.

### Newspaper Research

In many respects, the ANPA Research Institute in New York City and Easton, Pa., is a model organization in the Graphic Arts research field because of its application to the balance of the industry. It is dedicated to the study of methods, machines and processes, and is organized to do this work effectively. We suggest that when other groups are setting out to organize an institute for a homogeneous portion of the Graphic Arts industry, they study some of the developments of the ANPA. I suspect, however, ANPA's research program also is dominated by "today's problems." A plus factor in this respect is the laboratory's extensive use of newer mathematical techniques to study the qualities of raw materials going to the industry.

Graphic Arts Research Foundation is one of the few examples of industry research and development effort which was conceived and promoted by a person from outside the industry. There are few men with the foresight of William Garth. He saw in the ideas of two Frenchmen the possibility of sparking an industry into a consciousness for phototypesetting long before the industry had any conception of how it would use the process once it was perfected. The foundation received support from a widely diverse group of printers and printing users.

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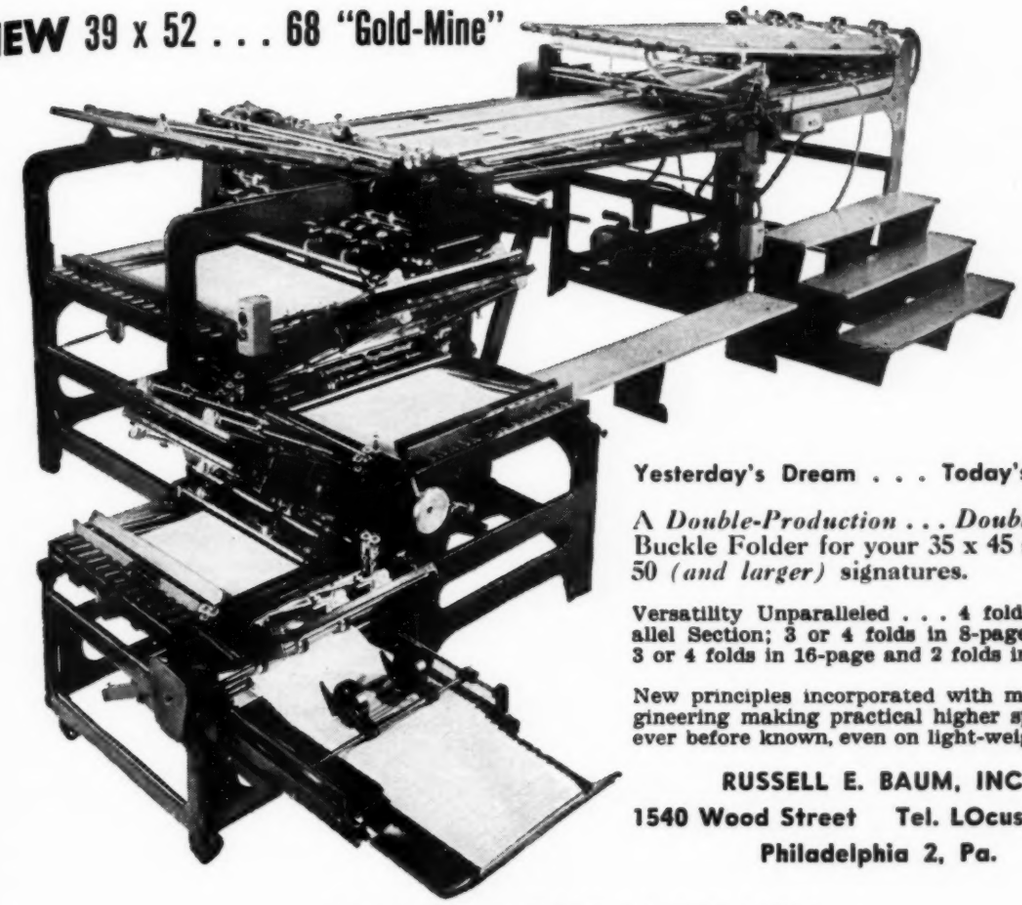

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Its product is the Photon phototypesetting machine. The interest in research results knows no end, but the resistance to contribution toward research has not yet been broken.

### Paper and Ink Studies

Whenever research is discussed by those who know research, reference is made to two successes in group research organization. They performing the function of the group research which seem to be are the Institute of Paper Chemistry and the National Printing Ink Research Institute. These two institutions provide a refreshing viewpoint to those who believe that fundamental research study is essential to every research and development program in an industry.

At the Institute of Paper Chemistry, cellulose chemistry, papermaking, and the uses of paper are receiving fundamental attention at the university level. Paper is one of the homogeneous industry elements mentioned earlier, and the industry's support of the IPC's program is refreshing and stimulating.

Applied and specialized application studies are conducted in the laboratories of the individual company members. The success of this arrangement has been so outstanding that there are now efforts at cooperative development in Graphic Arts research in the form of the Printing Foundation. This organization is actively campaigning to join forces with paper in a program of "training and research at the graduate level."

This is a significant move for the Graphic Arts industry where there is only limited acceptance of the scientist. The industry is not yet ready to accept him for what he is, but prefers to take him for what it thinks he should be. The risks ahead for the scientist or engineer in Graphic Arts research are still far greater than he should have to accept. Perhaps the Printing Foundation is the cornerstone of a new attitude toward the scientist and the engineer by the printing industry.

Dr. A. C. Zettlemoyer of the National Printing Ink Research Laboratory at Lehigh University, has assembled an able staff for studying not only the action of such machines as an ink mill, but also the chemical and physical behavior of pigments and vehicles used in printing inks. The printing ink industry, whose products total to only a small percentage of the cost of the printed page, not only supports fundamental research work at the group level, but maintains extensive company laboratories of its own.

It is apparent that research results can be obtained from the group approach as evidenced by the successes reported here. There is a strong tendency, however, for the Graphic Arts company to contribute its portion to the group effort, and then sit back and wait for results. These examples of successes have not come when this situation is practiced, but when the group research is used as the basis for work at the individual firm. No one can afford to avoid the responsibility for converting research results into practical results in his own plant. Science is not an easily swallowed pill. It is a hard working tool for the hard working process manager.

NEXT MONTH—*The story of Graphic Arts research activity in Europe which could not be included in this installment because of space limitations. The series will conclude with proposals to the printing industry for "getting off dead center."*


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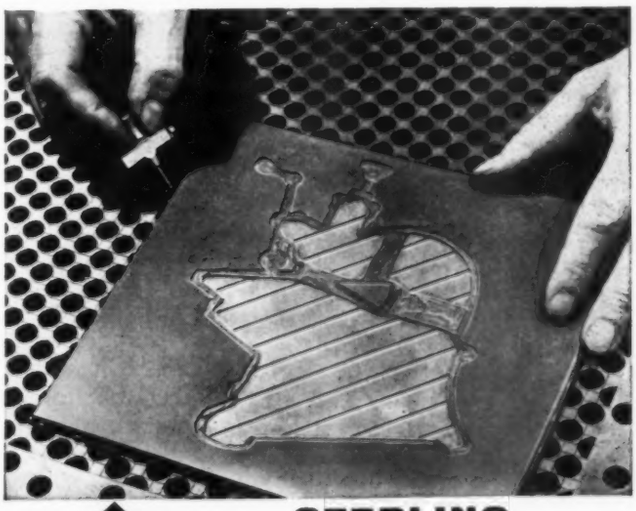

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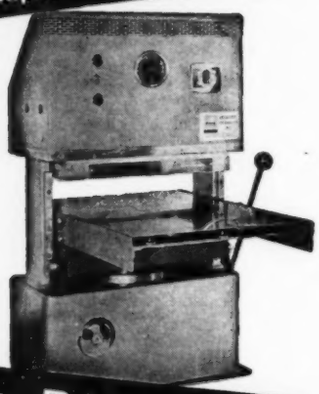

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## NAPL Convention

(Continued from Page 61)

computer for establishing exposure and development times in order to obtain standardized results (see page 96).

### Technical Questions and Answers

One of the most informative sessions of the convention from a technical viewpoint was the all-day Saturday technical meeting. Well attended by lithographers, questions on many technological aspects of lithography were submitted to a panel of prominent Graphic Arts representatives for discussion.

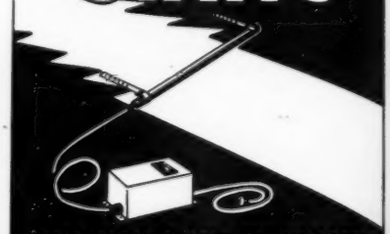
Should vulcanized oil rollers be used in conjunction with rubber rollers in the No. 4 form roller position in order to get better prints, was the first question asked. Richard J. Schmied, sales-service representative, Fine Papers Div., West Virginia Pulp and Paper Co., answered that it really did not make any difference. He added: "Most hickey rollers have been placed in the No. 1 position and they are usually made of leather." He said it would depend primarily upon the work being done. Michael H. Bruno, director of research, Lithographic Technical Foundation, another member of the panel, said vulcanized oil rollers reduce roller streaks, but do not stand up.

Another question dealt with the problem of how to keep fast drying ink from drying on the press during makeready but allowing it to dry correctly on the paper. This question was submitted to Lawrence Kenney, Sinclair and Valentine Co., Div. of American-Marietta Co., who suggested that the pressman should start with very little ink in the fountain to which compounds are added. When the press is ready for the run and the ink fountain is filled, the small amount of compound which has been previously added should not affect the drying on the paper. The moderator of the panel, William J. Stevens, Philadelphia manager, Miehle Company, posed the question of how to prevent the ink from drying on the press over a lunch period. Kenney answered that an anti-drying spray could be applied to the rollers. When the press was started, this small amount would soon be dissipated.

What is the cause of copper coated rollers pitting? Stevens answered this with a statement that the ingredients in the ink or rollers might cause this to happen, but the actual cause was still unknown. Bruno added that any sulphur compounds anywhere near the press would cause rollers to pit. He added: "I don't think, however, there are any of these compounds used in ink manufacturing. It might be in the washup solution; even turpentine is bad." One member of the panel, Philip E. Tobias, Graphic Arts consulting engineer, suggested that the pitting under question might be due to gas bubbles caused during the electroplating of the roller which are now beginning to flake off.

A question from the audience was directed to the panel inquiring about the advantages which are gained by using the magenta halftone screen and in what instances should it be used. George D. Krug, president, Krug Litho Art Co., replied that it should be used on

STOP STATIC



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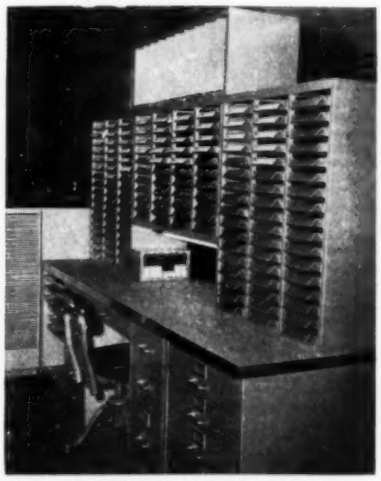

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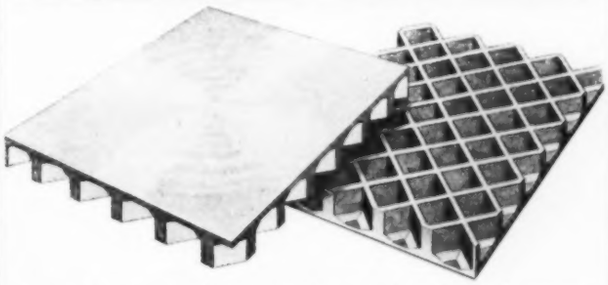

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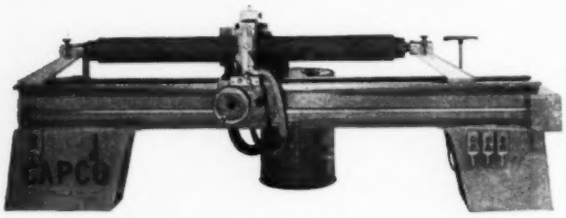

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black and white work because it will give a larger gradational tone range. However, he said it would not give good color control for high speed four color printing. He added: "The screen will give you a square dot, and as a result will tend to close up on the press. A process job will look best with a glass screen and you will never have to worry about a single color carrying all the detail."

An inquiry as to the causes of ink stripping on the rollers was answered by Bruno. He said a variety of things could cause this problem. Too much gum in the fountain solution or phosphoric acid would be two possibilities. He added that the materials used in inking systems should be primarily ink receptive, i.e., materials which should not be affected by gum, phosphoric acid, etc., and the materials used in the water system should not be affected by ink and their ingredients. Kenney asserted that ink stripping can be due to a prolonged makeready which allows gum to work itself up into the ink rollers.

Bruno then commented on a practice used by many lithographers. He said the gum content of the dampening solution was increased considerably when the pressman uses his water rollers to remove gum from a plate.

The question of whether a paper plate is practical for halftone work was raised. Bruno declared that presensitized paper plates lend themselves very well to halftones while other paper plates do not. He indicated that he had knowledge of a yearbook manufacturer who consistently gets between 5000 to 10,000 impressions running halftones on presensitized paper plates with good results.

How can ghosting be overcome? Schmied suggested that the water be cut to a minimum and the ink vibrator roller be adjusted to full action. He expressed a belief that ghosting cannot be eliminated entirely except by changing the sheet layout. Bruno said, "Quite often ghosting is caused by running the ink spare. Water laying on the ink is the real cause of ghosting."

The possibility of varying the exposure time in order to get a sharper plate was handled by Krug who asserted that changing the exposure time usually resulted in a dirtier plate.


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General Office and Factory:
4110 W. Grand Ave., Chicago 51, Ill.
Eastern Sales and Service:
215 Park Ave. South, New York, N. Y.

*Circle 138 on Reader Service Card*

Use the convenient yellow Reader Service Card found in this issue for requesting free literature about printing equipment and supplies offered in PRINTING PRODUCTION's Graphic Arts Literature section.

What effect do offset sprays have on sheets which are to be varnished? KENNEY: A little spray which is not too coarse does not hurt. STEVENS: Does the panel agree that spraying is being overdone? PANEL: Yes. TOBIAS: The pressman is on the spot if he doesn't use enough; also if he uses too much. BRUNO: We put too much reliance on spray. If we were to use a little corn starch in the ink we would be a lot better off. AUDIENCE MEMBER: It is our experience that spray cannot be used on jobs which are to be laminated.

In answer to a question inquiring about the advantages in crowning form rollers, Schmied said it applies mainly to the large size presses. He said it will increase the latitude between ink and water.

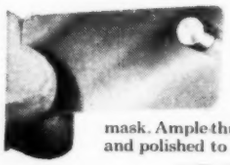
At the end of a press run, should the ink form rollers be lifted and sheets be run through the press in order to take the excess ink off the plate? This is the worst possible thing to do, according to Bruno. He advised that an exactly opposite procedure be used. The water rollers should be lifted and a charge of ink be given to the plate.

### New Type Specimen Manual

Service Typographers Inc., Chicago, has issued a type specimen manual which is claimed to have several innovations. One development which the firm describes as being new is the copy counter. Each body face type page is ruled in red vertical lines of 1 in. width. This is said to speed up character counting as well as facilitating estimates of filling space from typewritten copy.

Type specimens are of the single line variety. The type manual is loose leaf bound which allows for the insertion or removal of pages. Other features include a color index coding and title pages for each type face which list the contents of each section.

Ask Carlson
how to get and hold
Perfect Register



This $1.35 Carlson stainless steel register pin sent free with the answer. Thin base. Will not buckle mask. Ample thumb space. Machined and polished to exactly .250".

This generous sample of Carlson Mask also sent free with the answer. Each sheet of Carlson Mask is clearly identified with the Carlson mark of quality.

THE CHESLEY F. CARLSON COMPANY
2240 Edgewood Avenue • Minneapolis 26, Minnesota

*Circle 33 on Reader Service Card*

## Conveyors Do the Toting

(Continued from Page 51)

angled blocks, rules, etc. It was stated that what ordinarily takes hours to assemble in hot metal now is made up in half the time, without employee reduction.

A Lamson floor conveyor connecting the stereotype and press departments conveys the plates into the adjoining pressroom and delivers them to the working side of the presses. The conveyor makes a U-

STATIC PROBLEMS?
USE
HERBERT CURASTAT

An all-new concept in STATIC ELIMINATION—Simple . . . safe . . . dependable . . . and unbelievably effective. Each Curastat operated by its own power unit. Install at the trouble spot. Forget static problems forever. Want to know more? Write for brochure.

HERBERT PRODUCTS INC.
182 Linden Ave. • Westbury, N. Y.

*For More Information Circle 84 on Reader Service Card*

Use only the BEST!
USE BOOTH
ZINK CUT CEMENT

Years of constant use have proved the superiority of Booth Zink Cut Cement in Composing and Stereotype D Departments.
$8.50 per doz. • $1.25 per tube
F.O.B. Cleveland, Ohio

E. A. BOOTH RUBBER CO.
2855 Scarboro Road
Cleveland Heights 18, O.
Phone: FAirmount 1-2384

*For More Information Circle 22 on Reader Service Card*

# ALICO GAUGES INSTRUMENTS

## for QUALITY CONTROL

- **DEPTH MICROSCOPE**
  Measures depth of halftone dots in engravings, mats, electros, plastics, etc.
- **SLUG-CHEC**
  A type-high dial indicator gauge for slugs. Also measures body thickness of slugs, electros, engravings, paper, blankets, mounted cuts, etc.
- **MAGNI-CHEC**
  An illuminated magnifier to observe and measure the amount of error in register of colors on a printed sheet.
- **CHEC-A-PLATE**
  For curved plate thickness, depth of non-printing areas, width between beveled edges and for checking color register.
- **COLOR-CHEC**
  A hand-held gauge to check or measure color register errors on curved or flat plates.

**ALICO, INC.** MONTAGUE, MASS.

*For More Information Circle 5 on Reader Service Card*

# SPEED PRODUCTION WITH RICHARDS'

## SAWS • ROUTERS • MORTISERS

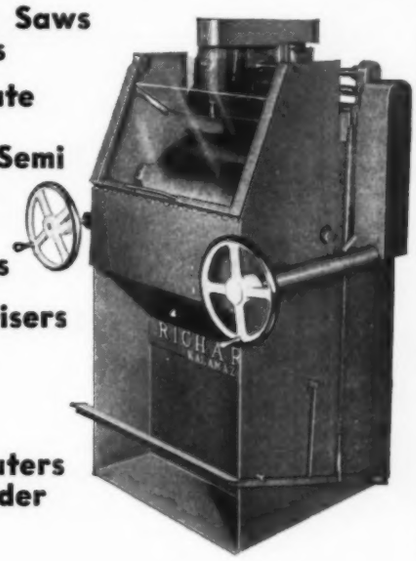
**Stereotype Saws Three Sizes**

**Curved Plate Routers Tubular or Semi**

**Flat Plate Routers Three Sizes**

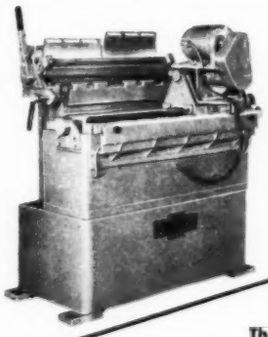
**Plate Mortisers Bench or Pedestal Models**

**Special Routers Built To Order**



**J. A. RICHARDS COMPANY**
903 N. PITCHER STREET • KALAMAZOO, MICHIGAN

*For More Information Circle 150 on Reader Service Card*



**PRECISION SCARFING**

The NEW GMM

# WESEL SCARFING MACHINE

The Wesel Scarfing Machine is precision equipment designed to meet the exacting requirements of undercutting for Tension Lockup. This unit is automatic in operation, can be easily and quickly adjusted to handle any size curvature of plate, any pattern of undercutting on plates up to 27 inches long. Inserted carbide cutting head is standard equipment permitting accurate and finished cutting of lead backed electrotypes, laminated plates, aluminum, plastics or magnesium materials.

★ *Automatic Operation*

★ *Carbide Cutter*

★ *Quick Change Saddle*

MANUFACTURERS TO THE GRAPHIC ARTS INDUSTRY

Router Bits

Saw and Trimmers

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**WESEL MANUFACTURING CO.** Since 1880

1141 N. WASHINGTON AVENUE SCRANTON, PA.

*For More Information Circle 185 on Reader Service Card*

# Face-O-Type

SAMPLE OF WORK

## *Mechanically Reproduces an Engraved Type Screen Pattern*

Space: 18" long, 6" wide—Weight: Approx. 80 lbs.

- Will cut page cost and speed production.
- Comes equipped with two different screen patterns. Either pattern can be used without making any change on machine.
- Mechanically screens the face of type-high slugs, border and hand type cast in stereotype metal.
- Manually operated, precision built and easy maintenance.
- Will take slugs up to 144 pt. condensed, borders up to 84 pt. by 72 picas, hand type up to 96 pt.

**CAPITAL TOOL & MANUFACTURING CO.**
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*For More Information Circle 31 on Reader Service Card*

# NOW You can Under-wrap Top-wrap Wire-tie Bundles Completely Automatically

Complete General Strapping Glo-Mail Topwrap and Underwrap with General Strapping Feeder and Wire-tyer. The four components are sold individually or as a unit.

**GENERAL STRAPPING CORPORATION**

100 Park Avenue, New York 17, N.Y.

Please send complete information

Name

Company

Street

City

Zone State

*Circle 239 on Reader Service Card*


turn to convey dead plates to the stereotype central remelting reservoir.

There are 30 new Hoe color convertible press units in the new plant with space for additional units. The presses are electronically controlled. On them can be printed 24 color pages in a 48 page paper.

Tanks accommodate storage for 22,500 gal. of black and color ink.

The red, yellow, blue and green press units operating in the 200 ft. by 60 ft. pressroom are designed to print 96 pages and over at 52,500 papers per hr. This press installation cost in the neighborhood of $4 million. For register in automatic maintenance of color printing, the presses are equipped with the Hurletron electric eye scanning system.

The press units consume an average 8,000,000 lbs. of newsprint and 120,000 lbs. of ink monthly.

### Mechanized Loading Dock

The mechanized loading dock as designed by the Jampol Company is said to more than cut in two the time required to load paper delivery trucks at the old quarters.

Three men operate panels of push buttons on the loading dock to maintain output of bundled newspapers to the 14 delivery trucks backed up to the platform.

The mailing room, for instance, ties up a series of bundles earmarked for dealers in nearby towns. These are chuted from the mailing room above the loading platform into waiting delivery trucks.

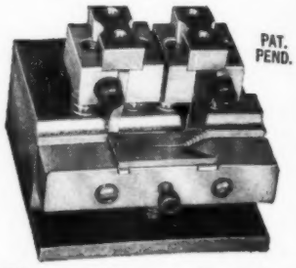
The push button operator on the deck signals the truck driver to stand by to receive his cargo. This signal gives the driver ample time to back up his truck to the platform, where a telescopic roller ramp is extended into the truck.

A deflector in the main conveyor opposite each truck is operated by compressed air. When the operator presses a button the deflector automatically moves down at right angle position to the main conveyor field. As the bundles contact the deflector, they are forced onto the roller ramp and down into the truck where the driver stacks them manually.

When the truck has been filled, the dock operator pushes a button to cause the deflector to be withdrawn from the now filled truck


**LINOTYPE-INTERTYPE MATS—NOW COST 35¢ & UP**

Can you still afford to throw them away because of bad alignment?




***The Align-A-Mat***

This simple device will double and triple the life of your working fonts. It will restore to factory standard hundreds of mats ready to be discarded. When sorting up fonts, old mats corrected on the **Align-A-Mat** will align perfectly with new ones. Distributor stops due to the lugs worn short will also be eliminated. **Only $145**

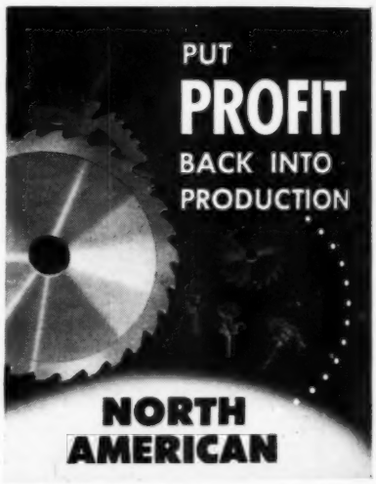
**EVERY MAT SAVED IS 35¢ SAVED**

***No special skill required to operate. Now in use in hundreds of leading plants here, in Canada and abroad.***

*Please write for literature.*

**FISK, 130 W. 46th St., N.Y. 36, N.Y.**

*Circle 62 on Reader Service Card*




**CARBIDE TIPPED SAWS & FINISHING TOOLS**

The right tool for the right wood, metal or plastic. Smoother cutting line, no ripping, no chipping. Makes big cuts in replacement and maintenance costs. Write for free catalog today.

**NORTH AMERICAN PRODUCTS CORP.**
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*Circle 208 on Reader Service Card*

**"ARMOR PLATE" YOUR INKS!**
**GLAZCOTE INK CONDITIONER**
Provides tough, scuff- & scratch-resistant finish.
1 lb. can $2.20 Send for Price List
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1723 North Damen Avenue • Chicago 47, Illinois
Mfrs. of Trik, 20/20 Overprint Varnish, 33 & 0-33 Ink Conditioners

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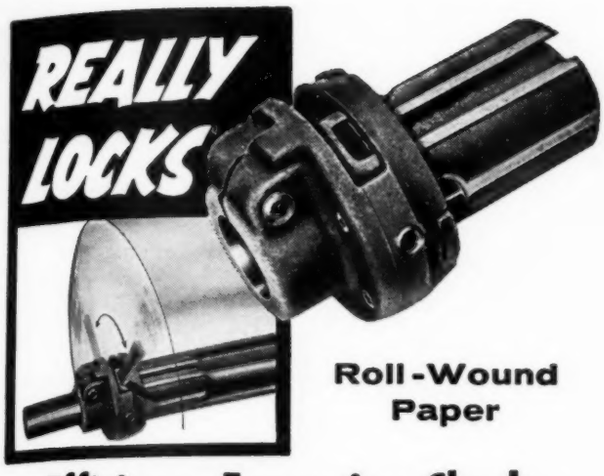



**Roll-Wound Paper**

## Efficiency Expansion Chucks

In one operation, lever the cam and lock it. It won't slip —ever. Unwind, rewind, or brake easily. There are efficiency expansion chucks for either fibre or steel cores up to ten inches in diameter—for shafts of 1" to 3½" in diameter in graduations of 1/16".

Chucks are inter-changeable—no rights or lefts. Give years of service—made of malleable high strength castings. Surfaces which contact core are precision machined. Lever action applies powerful force to the expansion jaws. Ribbed jaws bite firmly into core, eliminating core slippage when starting or changing speeds, even under extreme brake tension.

**Write for the full time and money saving facts to—**

**VALLEY MFG. CO. Valley, Nebraska**

*For More Information Circle 184 on Reader Service Card*

## Capco PLATE GAUGE

**This new lightweight gauge is designed for checking the thickness of Standard stereotype plates, tubular and flat plates.**

**. . . . Place Gauge in any position to check plate. Uniform gauging is automatically assured by mechanical pressure, independent of operator.**

**. . . . Two-point gauging with accurate alignment, finds the thickness of the plate instantly and shows any deviation in thickness on a fixed—not passing —reading on the dial.**

**. . . . Checking occasionally with the CAPCO Gauge, helps: print a better paper, save replating, save costly press stops and to eliminate web breaks.**

***Write today for complete information***

**CAPITAL TOOL & MANUFACTURING CO.**

**5000 Calvert Road • College Park, Md.**

**Phone: Union 4-7677**

*For More Information Circle 32 on Reader Service Card*

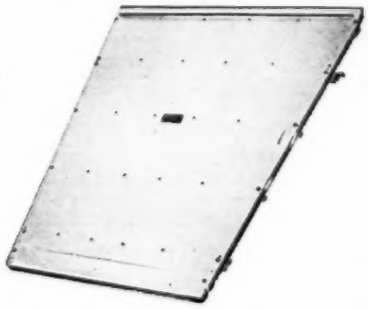
## EVER FIGURE THE COST?

**—Of draining and refilling magazines in order to use a part-time font? Avoid the cost and inconvenience . . .**

**DROP YOUR ORDER IN THE MAIL TODAY FOR A MONTCO LINOTYPE MAGAZINE AND KEEP YOUR FONTS READY TO USE!**

montco

Lightweight
Linotype
Magazines



- **Aluminum Top Plate**
- **Brass Bottom Plate**
- **Steel Frame**
- **Extra Dowels**

Full Length **$165.00**

Lower Split **$150.00**

From

**Your Nearby Montco Dealer**

or Direct From

**MONTGOMERY COMPANY, INC.**

**BOX 309** **Towanda, Pa.**

*For More Information Circle 125 on Reader Service Card*

## PICTURE OF A PRINTER WHO HAD A STATIC PROBLEM!

Relax from the problems of static. Let the SIMCO "*Midget*" static eliminator end static in all your presses, folders and cutters. It's *guaranteed* to do the job . . . effectively, safely, inexpensively. Write for facts!

*Anti-static cleaning devices, sheet separators, sprays and meters also available.*

**the SIMCO company**

**920 Walnut Street, Lansdale, Pa.**

*For More Information Circle 161 on Reader Service Card*

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For More Information Circle 182 on Reader Service Card

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Invert
Skid
Loads
With
ROTO-VERTER
Economical
Fast
Safe
ROTO-VERTER
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For More Information Circle 112 on Reader Service Card

In SAFE hands...
When it's your move . . . call CNI —the best in the business! 38 years of experience moving plants JUST LIKE YOURS (names on request). Let our field engineer talk it over with you . . . no obligation of course.
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Subsidiary of Central Rigging and Contracting Corp.
Home Office:
575 Washington St., New York 14, N.Y. • OR 5-5100
Connecticut Office:
Depot Road, Parcel Post Annex, Milford, Conn.

For More Information Circle 35 on Reader Service Card

which is ready for delivery.

Along the rear of the building, extending from the nearby freight yards of the New Haven Railroad, is a railroad siding where newsprint is unloaded at the entrance to the storage room.

### Newsprint Roll Handling

Here, in the new building, there is a ready flow of newsprint rolls approximately 100,000,000 lbs. per year. The paper storage area is temperature controlled. The loading platform and storage space is ample enough to accommodate 6,000,000 lbs. of newsprint.

A translucent roof projects over the delivery truck area to protect drivers and at the same time transmits daylight. The ramp approaching the area is steam-heated during freezing weather. The cold truck problem in winter also has been eliminated. At edition time, the trucks are brought from the adjacent heated garage which is located just a short distance from the loading dock.

Garage space for the company's fleet of 86 trucks totals 57,000 sq. ft. space for parking and including mechanical and repair facilities. Space for employee parking accommodates about 325 cars.

The cafeteria is especially designed to satisfy the needs of the 1600 employees. It is available to employees on a 24 hr. basis. There are 10 coin-operated machines which supply a complete meal or just a snack. At peak hours, the Automatic Merchandising Corp. provides a woman change-maker as well as a machine-servicing man on duty. Seating capacity of the cafeteria is 140 employees.

PRECISION
Flat-Ground TURTLE
Mirror-smooth, extra thick top, 24" x 28½", is heavily ribbed to maintain accuracy. Adjusts from 36½" to 39½" working height. 5" x 1½" double ball bearing swivel type composition casters. Heavy-duty, rugged construction assures years of trouble-free service.
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For More Information Circle 194 on Reader Service Card

ROLLEM PERFORATOR
Bench and Floor Models
Perforate, crease, slit up to 5,000 per hour Send for brochure, prices now
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For More Information Circle 235 on Reader Service Card

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ORIGINAL HOT WAX SPOT CARBON
Adaptable to any stock. Write for free samples.
SUPPLIERS TO THE TRADE EXCLUSIVELY!
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704 Broadway, New York 3

For More Information Circle 236 on Reader Service Card

As a production and/or mechanical executive, our readers will be pleased to learn about something you have devised to improve plant operation. Just write informally to:

Editor, PRINTING PRODUCTION
1276 W. Third St., Cleveland 13, Ohio.

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CLASSIFIED RATE—$1.00 per line. Minimum 5 lines, 25 characters per line. Cash with order.

CLOSING DATE — 15th of month preceding date of issue. We will forward all mail addressed to box numbers.

### FOR SALE

HOE 5 Unit Newspaper Press, Double Folder 22¾" cutoff, substructure & reels and 150 HP, AC motor drive. Prints full ROP color ads. DUPLEX 24 page tubular press AC drives and stereo machinery. JOHN GRIFFITHS CO. INC., 415 Lexington Ave., New York 17, N. Y.

### CONSULTANT

All phases of tape operation of linecasting machines. F. B. Foster, 57 Riverside, Riverside, Conn.

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Marresford automatic Tipping Machine, size "B" ¾ HP motor, 60 cycle, AC current, 220 Volt, 3 phase. Speed 3000 per hour. Air suction feeders; four tipper bars, maximum size 7½ x 10½, special price $1500. Reply Box 596, PRINTING PRODUCTION

### MACHINERY WANTED

4 Color Gravure Press, 40" Wide or Wider with Rewind Stand. State size, Manufacturer, Age and Component Equipment. Reply Box 597, PRINTING PRODUCTION

**FOR WOODEN PARTS OR COMBINATION WOOD & SHEETMETAL PARTS,** such as Feed Boards, Load Boards, Elevator Boards, Walking Boards, Jogger Tops, Matrix Trays, Sorts Boxes, Cutting Sticks, Oil Impregnated Pulleys & Rollers, Feed Rolls & any other Items that are manufactured from Wood, just mail your Price Inquiries, together with Blue Prints & Specifications, to us for Quotations.

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**CHAMBERSBURG PENNSYLVANIA**

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**S1 PROOF PRESS**

Sharp repro-quality proofs from type, slugs, plates, complete tied-up pages or forms. Auto inking. Foot pedal gripper control leaves both hands free.
Bed size 15" x 26"

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*Specialists in Roll-fed*
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FOR LETTERPRESS — FOR OFFSET AND GRAVURE
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CORK, NEOPRENE, RUBBER, WOOL-FELT and PLASTIC PRESS BLANKETS, DRAW SHEETS and TYMPAN PAPER for all make and type Rotary, Web and Flat-Bed Presses. STEREOTYPE MOLDING BLANKETS, DRY MATS, GUMMED BACKING FELT, PLATE-TAK, SCOTCH TAPE, CUTTING RUBBERS, CONVEYOR TAPES etc. *Send for samples and prices.*

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**CARBON ARC — XENON — INCANDESCENT**
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**MACBETH ARC LAMP COMPANY**
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**CONTACT SCREENS**

The Universal®, a new, improved gray contact screen, shoots faster, gives more contrast if desired and better tone values
Rulings: 32, 45, 55, 60, 65, 75, 85, 100, 110, 120, 133, 150, 175, 200
Sizes: 8 x 10 to 23 x 29 in.
Angle-ruled screens to 23 x 29 in. at same prices.
Write for price list and descriptive folder

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**STEEL PERFORATING & SNAP OUT RULES**
**BRASS RULE**

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PRINTERS SUPPLY CO., INC.
72 Beekman St., New York City
*Branch*
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*For More Information Circle 225 on Reader Service Card*

Self Spraying

PRESS BUTTON AND SPRAY
$3 PER CAN
$30 PER DOZ.

**STATIKIL**
TRADE MARK REG. IN U. S. PAT. OFFICE
**STOP STATIC ELECTRICITY**
The Original
The Only
**STATIKIL**
1220 W. 6th St., Cleveland 13, Ohio

*For More Information Circle 166 on Reader Service Card*

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for PROOF and AD COPY
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*For More Information Circle 137 on Reader Service Card*

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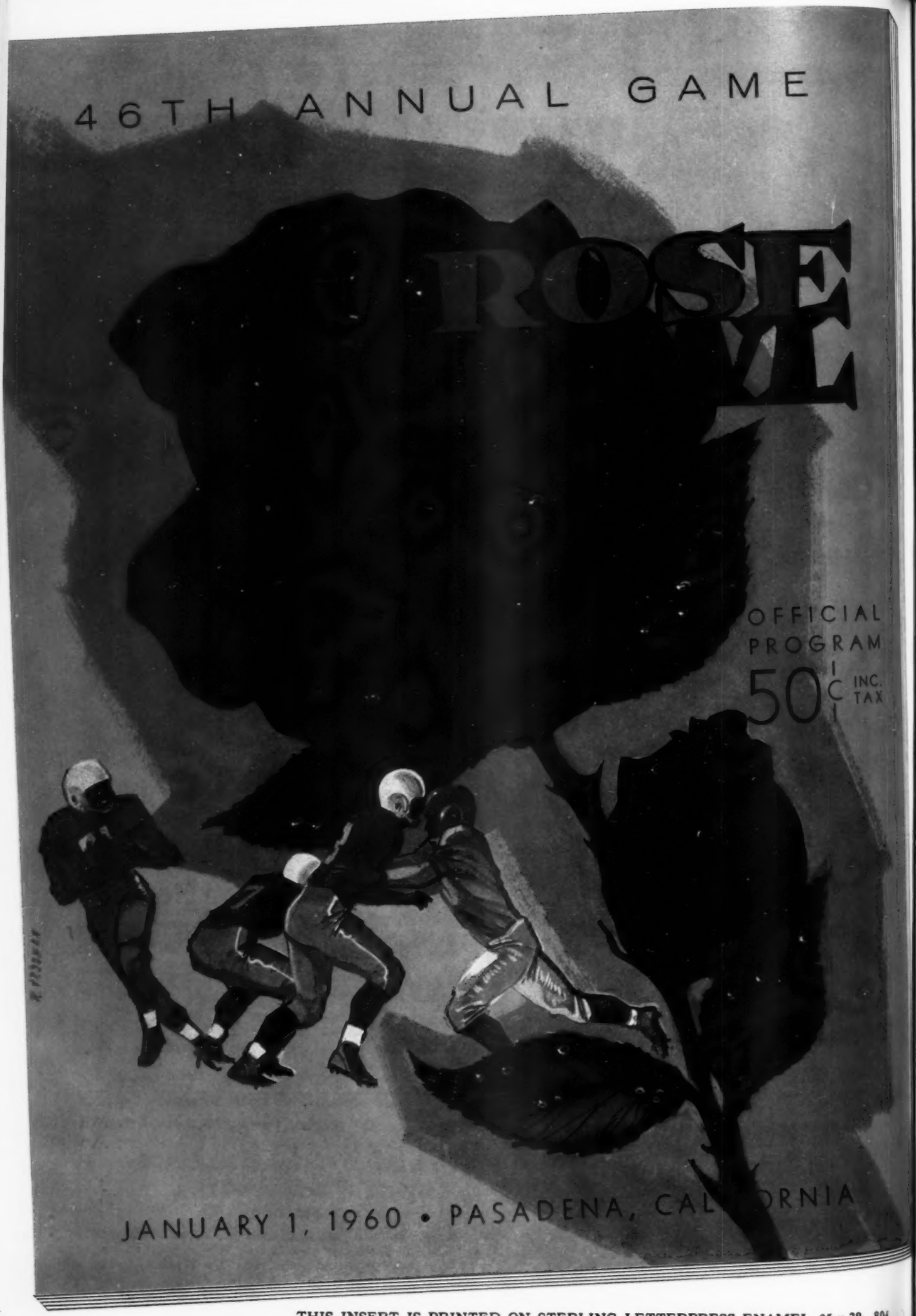
*For More Information Circle 190 on Reader Service Card→*

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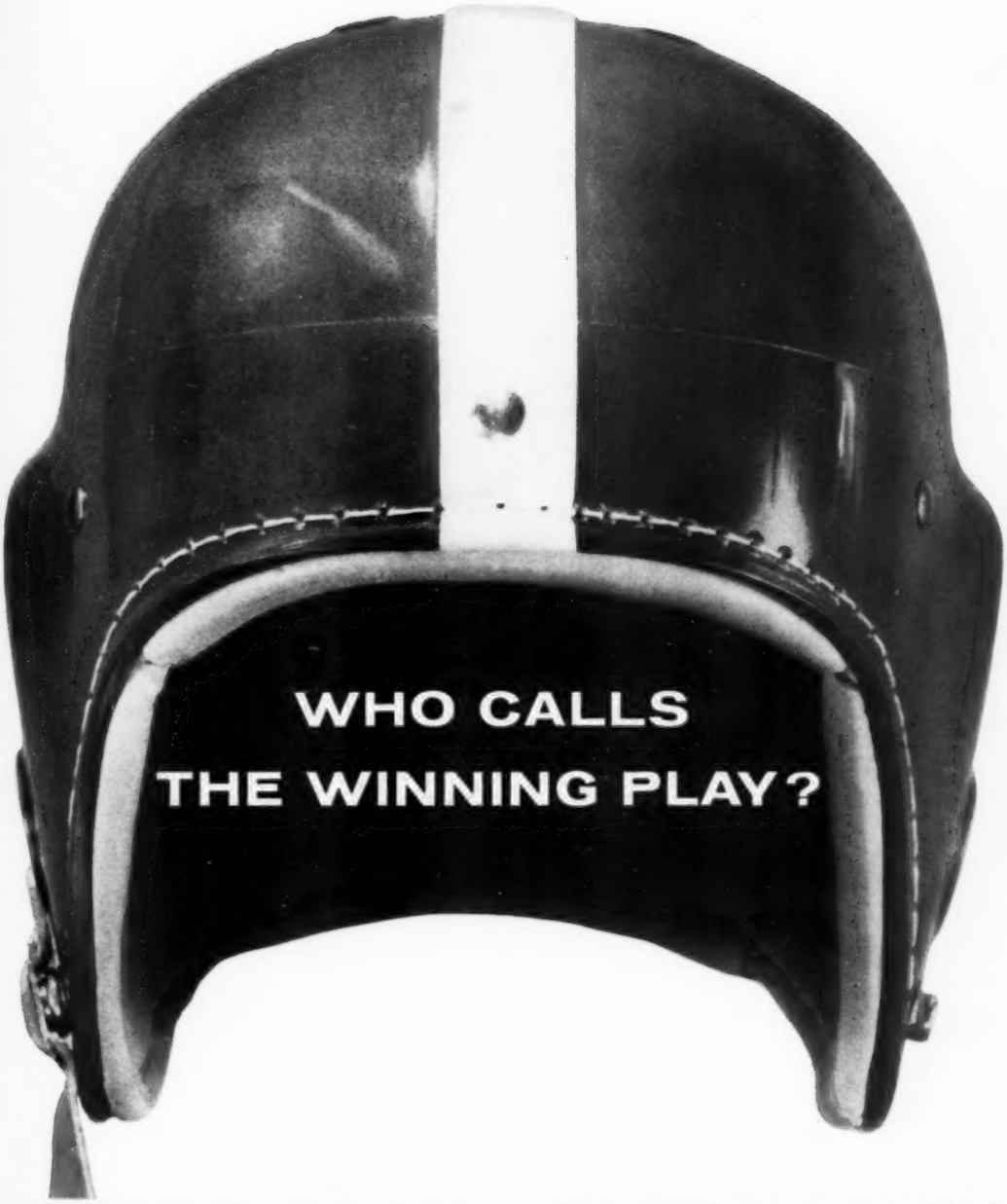


For a fast clean run the printer of the Rose Bowl game program is sure to win with Sterling Letterpress Enamel.

In particular, the whiteness, the gloss and the printability of Sterling Letterpress Enamel permits inviting reproduction of illustrations on the cover. Gloss inks add to the sparkle that helps to sell the program. Text pages are printed on West Virginia's excellent economy grade, Velvo Letterpress Enamel.

The West Virginia family of top quality papers includes offset as well as letterpress grades for nearly every specification.

You get quality papers plus all the benefits of a direct mill-to-you sales policy when you buy or specify West Virginia papers. On your next estimate, compare the quality and then see the savings for yourself. For full details contact one of the offices listed below, or write West Virginia Pulp and Paper Company, 230 Park Avenue, New York 17, N.Y.

The Rose Bowl program cover is on 90# Sterling Letterpress Enamel, and the text is on 70# Velvo Letterpress Enamel. Printing by Lederer, Street and Zeus, Berkeley, California. *You'll enjoy the game more with a program, so for your copy call the West Virginia office nearest you.*

*Commercial Printing Paper Sales*
*Fine Papers Division*

Chicago 1 / FR 2-7620 — New York 17 / MU 6-8400
Cincinnati 12 / RE 1-6350 — Philadelphia 7 / LO 8-3680
Detroit 35 / DI 1-5522 — Pittsburgh 19 / CO 1-6660
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**West Virginia Pulp and Paper**

# Now it's a question of which Kenro Vertical

Not so long ago it was a question of whether to buy a bulky horizontal camera or a space saving Kenro "Vertical 18". Now it's a question of which Kenro "Vertical" is best for your application. All are new, modern, engineered for versatility, accuracy, ruggedness and ease of operation. All have new features that improve production and broaden usefulness for every application.

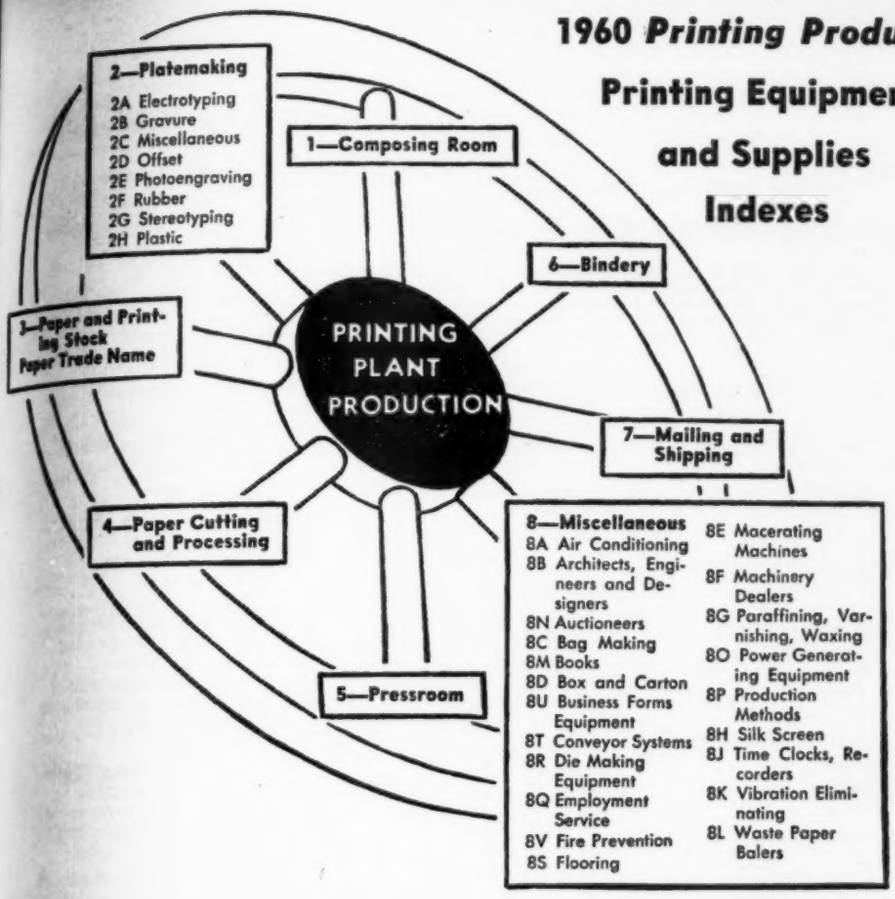
It's the size of image that governs the choice. If you want to shoot 8½ x 11 copy four-up or expose a full size newspaper page at same size, then choose the Kenro "Vertical 24". If your copy comes two-up, then the "Vertical 18" is best for you. If your copy calls for shooting one-up, or your work is exposing duplicator masters, then select the "Vertical 14" Companion.

*Write for all the facts on Kenro Cameras and related accessories. Then you'll know which Kenro fits your requirements best.*

**KENRO GRAPHICS, INC.** Dept. G-12, 25 Commerce Street • Chatham, N. J.

*For More Information Circle 97 on Reader Service Card*

# 1960 *Printing Production* Printing Equipment and Supplies Indexes




The compilers of these indexes have used every precaution to insure the correct listing and spelling of manufacturers' firm names, addresses and the equipment and products supplied by them. For this reason, *Printing Production* cannot be responsible for omissions or errors.

# *How to Use These Indexes*

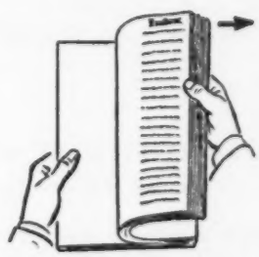
As will be seen by looking at this chart, the printing equipment and supplies indexes have been divided into eight main indexes each one representative of the department in the printing plant in which the equipment and supplies are used. Thus, if one wishes to locate equipment or supplies for the pressroom all he needs to do is turn to 5—Pressroom Index on page 150. In this way, the executive will be concerned with an index consisting of sources of supply **for the pressroom only.** In this way, while he is hunting pressroom sources of supply he is not concerned with the many sources of supply for other departments in the plant.

Please bear in mind that if you do not wish to follow the symbolized entries in each index, you may just ignore the symbols and use any of the indexes as a straight alphabetical index.

Two of the eight main indexes, **2—Platemaking,** and **8—Miscellaneous,** have been broken down into separate components. Thus **2—Platemaking** contains eight separate platemaking indexes grouped together for convenience. Under **8—Miscellaneous** will be found names and addresses of manufacturers not usually identified with regular printing plant departments.

**The Printing Press Specification Tables,** as usual, are in a separate section, starting on page 198. The tables have been corrected to date and contain additional information.

Use the thumb index (as shown below) for quick location of any index



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**Trade Name Index . . . . . 1**

**Manufacturers, Suppliers, Dealers . . . . . 1**

**Printing Press Specifications . . . . . 1**

***Printing Production* Filing System**

# 1 — Composing Room Index

**HOW TO USE THIS INDEX**—This Composing Room Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

## KEY FOR COMPOSING ROOM INDEX

**1A** Adhesives
**1SS** Aprons
**1B** Belts
- 1B1 Cord Rubber (Linecasting)
- 1B2 Dressing
- 1B3 Fabricated
- 1B4 Leather

**1C** Binders for Newspapers
**1D** Blowers (Portable Cleaning)
**1E** Cabinets, Stands, Typecases, etc.
- 1E1 Dispatch Room

**1F** Chases, Quoins and Lockup Accessories
**1G** Composing Machines (Hot Metal) and Supplies
- 1G22 Floor Pig Rack
- 1G16 Furniture Molds
- 1G1 Keyboards, Keyboard Operating Units and Tape Perforators
- 1G17 Keyboard Operating Tape
- 1G2 Lead and Rule Casters, (Casting Mechanism of Linecasting Machines)
- 1G3 Machines
- 1G20 Magazines
- 1G5 Matrices
- 1G19 Matrices, Special
- 1G6 Matrix Cleaning
- 1G18 Matrix Lug Swaging Tool
- 1G7 Matrix Processing
- 1G15 Metal Melting Devices
- 1G8 Parts
- 1G12 Plunger Cleaner
- 1G21 Slug Saw
- 1G14 Spaceband Polishing Machines
- 1G4 Strip Casters
- 1G23 Strip Casting Machine Knurling Attachment
- 1G9 Supplies
- 1G13 Tabular Systems
- 1G10 Type Casters
- 1G11 Typesetting

**1QQ** Copy-Proof Conveying Systems
**1J** Feeders and Feeding Devices
**1K** Furnaces (Remelting), Pig Molds and Tools
- 1K1 Furnaces
- 1K5 Heat Control
- 1K2 Heating Devices
- 1K3 Pig Molds
- 1K6 Replacement Pots
- 1K4 Tools

**1L** Furniture
- 1L1 Composition
- 1L2 Metal
- 1L3 Wood

**1M** Galleys and Locks
- 1M1 Galleys
- 1M2 Galley Locks

**1N** Gauges
- IN8 Angle
- 1N1 Copyfitting
- 1N7 Makeup
- 1N3 Matrix
- 1N4 Micrometer
- 1N5 Plate
- 1N6 Rule
- 1N2 Type-high

**1O** Lead and Rule Cutters
**1GG** Lighting Units
**1P** Line-up and Register Tables
**1OO** Lockers, Clothing (Steel)
**1Q** Makeup and Storage Tables
**1R** Metal and Metal Flux
**1S** Mitering Machines
**1T** Motors
**1H** Numbering (Typographic) and Dating Devices
**1MM** Parts Rebuilding
- Phototypesetting Machines. See 2D46

**1U** Plate Mounting Systems
- 1U3 Cleaning Outfits
- 1U6 Light Weight Base
- 1U5 One-Piece
- 1U1 Sectional
- 1U2 Tools
- 1U4 Type Metal Base

**1TT** Pre-makeready Process
**1V** Presses
- 1V4 Pressure Gauge
- 1V1 Proofing
- 1V3 Rotary
- 1V2 Testing

**1RR** Proof Driers
**1KK** Punches, Press
**1LL** Reproduction Proofing
- 1LL1 Mounting Equipment
- 1LL2 Photomechanical
- 1LL3 Relief
- 1LL4 Proof Stock
  - 1LL4.1 Special
  - 1LL4.2 Transparent
- 1LL5 Wax
- 1LL6 Drier

**1W** Routers for Line Slugs
**1X** Rule
- 1X1 Brass
- 1X3 Cutting, Creasing, Perforating
- 1X2 Type Metal Strip
- 1X4 Zinc Face Wood Rule

**1Y** Safety Cans
**1Z** Saws, Planers, Saw Sharpeners
- 1Z7 Band Saws
- 1Z1 Planers
- 1Z6 Saw Blades
- 1Z2 Saw Sharpeners
- 1Z3 Saw Sharpening Service
- 1Z4 Saw Trimmers
- 1Z5 Swaging Machines

**1JJ** Slug Modifying Machines
- 1JJ2 Slug Plate Thickness Cutter
- 1JJ1 Slug Profiler
- 1JJ3 Slug Surfacing
- 1JJ4 Type Screener

**1HH** Steel Newspaper Heads
**1AA** Sticks and Rules (Composing and Makeup)
**1BB** Thermometers and Pyrometers
**1PP** Tint Blocks
**1CC** Tools (Machinist)
**1DD** Trucks
- 1DD5 Form
- 1DD1 Form File
- 1DD2 Form Lift
- 1DD3 Makeup
- 1DD4 Metal

**1NN** Tweezers
**1EE** Type
- 1EE1 Aluminum
- 1EE2 Borders
- 1EE3 Brass
- 1EE4 Casting Machine Matrix
- 1EE5 Foundry
- 1EE6 Steel
- 1EE8 Thin Spaces
- 1EE7 Wood

**1UU** Type Tieup
**1FF** Type Washes

## COMPOSING ROOM EQUIPMENT AND SUPPLIES MAIN AND CROSS-INDEX

**○Indicates advertiser. See Advertisers' Index, Pages B-C-D.**

### A

**ADHESIVES 1A**

○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.
American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y.
Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.
Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.
○Booth, E. A., Rubber Co., 2855 Scarborough Rd., Cleveland Heights 18, O.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.
Hoyt, Arthur S., Co., Inc., 20 Jerusalem Ave., Hicksville, L. I., N. Y.
Lox Manufacturing Co., 3310 E. 31st St., Kansas City 28, Mo.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Adhesive two-side film and tape.
Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.
Permacel Incorporated, U. S. Highway No. 1, New Brunswick, N. J.
Star Cement Co., 190 Wyoming Ave., Maplewood, N. J.
Union Rubber & Asbestos Co., 232 Allen St., Trenton 6, N. J.

**ALUMINUM TYPE**

See under Type 1EE.

**APRONS 1SS**

Bemis Bro. Bag Co., 408 Pine St., P.O. Box 133, St. Louis 2, Mo.
Economy Novelty & Printing Co., 244 W. 39th St., New York 18, N. Y.
Hoosier Tarpaulin & Canvas Goods Co., Inc., 1302 W. Washington St., Indianapolis 6, Ind.
Miller Apron Co., 1943 Fourth St., LaVerne, Calif.

**AUTOMATIC SAW-FILING EQUIPMENT**

See under Saws, Planers, Saw Sharpeners 1Z.

### B

**BASES AND HOOKS**

See Plate Mounting Systems 1U.

**BELTS 1B**

1B1 Cord Rubber (Linecasting)
1B2 Dressing
1B3 Fabricated
1B4 Leather

Cling-Surface Company, 1032-48 Niagara St., Buffalo 13, N. Y. —1B2.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—1B3.
○Dayton Rubber Co., The, Dayco Div., 2342 W. Riverview Ave., Dayton 1, O.
Duryea Products Co., Inc., 168 Rockland Ave., Woonsocket, R. I.—1B3.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.—1B1.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
○Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.—1B1.
Ton-Tex Corp., 247 Pearl St., N. W., Grand Rapids 2, Mich.
United States Rubber Co., 1230 Ave. of the Americas, New York 20, N. Y.—1B1.

**BENCHES FOR MACHINISTS**
See Cabinets, Stands, Type Cases, etc. 1E.

**BINDERS FOR NEWSPAPERS 1C**
○Rouse, H. B., Co., 2214 N. Wayne Ave., Chicago 14, Ill.

**BLACK AND WHITE MATRICES**
See under Composing Machines and Supplies 1G.

**BLOCK LEVELERS**
See under Saws, Planers, Saw Sharpeners 1Z.

**BLOWERS (PORTABLE CLEANING) 1D**
Ace-Sycamore, Incorporated, 448 Dekalb Ave., Sycamore, Ill.
American Blower Div. of American-Standard, 8111 Tireman Ave., Dearborn, Mich.
Invincible Vacuum Cleaner Mfg. Co., Dover, O.
Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.
Paasche Airbrush Co., 1909 Diversey Parkway, Chicago 14, Ill.

**BORDERS**
See under Type 1EE.

**BRASS RULE**
See under Rule 1X.

**BRASS TYPE**
See under Type 1EE.

## C

**CABINETS, STANDS, TYPE-CASES, ETC., 1E**
**1E1 Dispatch Room.**
○American Steel Chase Co., 31-31 —48th Ave., Long Island City 1, N. Y.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Angle Steel, Inc., 169 Acorn St., Plainwell, Mich.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.
○Chambersburg Lumber Co., College and Scotland Aves., Chambersburg, Pa.—1E.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
Equipto, 401 S. Highland, Aurora, Ill.
Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa.—1E, 1E1.
○Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—1E, 1E1.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.
○Hansen Metal Products Co., 7171 W. Bloomingdale Ave., Chicago 35, Ill.—1E1.
○Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.
Linotype Maintenance Co., 277 Broadway, New York 7, N. Y.
○Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.
Lyon Metal Products, Inc., Aurora, Ill.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 3, Minn.
○Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Penco Division, Alan Wood Steel Co., Oaks, Pa.
Petersen Manufacturing Co., 18 Sebago St., Clifton, N. J.
Reid, William, Co., 2271 Clybourn Ave., Chicago 14, Ill.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.
S & M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif.
Thompson Cabinet Co., Laura St., Ludington, Mich.

**CALIPERS FOR SLUGS AND TYPE**
See under Gauges 1N.

**CAMERAS, REPROPORTIONING**
See Cameras and Accessories under Photoengraving 2E3.

**CANS, SAFETY**
See under Safety Cans 1Y.

**CASTERS, LEAD AND RULE**
See under Composing Machines and Supplies 1G.

**CEMENT FOR CUTS**
See Adhesives 1A.

**CHASES, QUOINS AND LOCKUP ACCESSORIES 1F**
○American Steel Chase Co., 31-31 —48th Ave., Long Island City 1, N. Y.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Bancroft, Ralph, Co., 324 Fifth Ave. S., Minneapolis 15, Minn. Slug-high sinkers.
Beard Newsprint & Warehouse Co., Inc., 8761 Fulton St., Detroit 9, Mich.
○Carlson, Chesley F., Co., 2240 Edgewood Ave., Minneapolis 26, Minn.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.
Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St. W., Toronto 1, Ontario, Can.
Ever Ready Machinists, Inc., 137 W. 19th St., New York 11, N. Y.
Garland Manufacturing Co., 46 Water St., Saco, Me. Rawhide mallets.
Greene, C. R., Printing Co., 115 N. Fourth St., Tipp City 1, O.
○Hamilton Manufacturing Co., 1316 —18th St., Two Rivers, Wis.
Hempel, H. A., 586 Tonawanda St., Buffalo 7, N. Y.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Jacobs, Louis R., 2546 S. Phillip St., Philadelphia 48, Pa.
Lance, Chester L., Co., 620 Browder St., Dallas 1, Tex.
Mendez Company, 30 Beekman St., New York 38, N. Y.
Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.
Sandblom Steel Chase Co., 426 S. Clinton St., Chicago 7, Ill.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill. Make-up gauge.

**CLEANERS FOR MATRICES**
See under Composing Machines and Supplies 1G.

**CLEANERS FOR TYPE**
See Type Washes 1FF.

**COMPOSING MACHINES (HOT METAL) and SUPPLIES 1G**
**1G22 Floor Pig Rack.**
**1G16 Furniture Molds.**
**1G1 Keyboards, Keyboard Operating Units and Tape Perforators.**
**1G17 Keyboard Operating Tape.**
**1G2 Lead and Rule Casters.**
**1G20 Magazines.**
**1G5 Matrices.**
**1G19 Matrices, Special.**
**1G6 Matrix Cleaning.**
**1G18 Matrix Lug Swaging Tool.**
**1G7 Matrix Processing.**
**1G15 Metal Melting Devices.**
**1G8 Parts.**
**1G12 Plunger Cleaner.**
**1G21 Slug Saws.**
**1G14 Spaceband Cleaner.**
**1G4 Strip Casters.**
**1G23 Strip Casting Machine Knurling Attachment.**
**1G9 Supplies.**
**1G13 Tabular Systems and Supplies.**
**1G10 Type Casters.**
**1G11 Typesetting.**
Acme Electric Heating Co., 1217 Washington St., Boston 18, Mass.—1G15.
○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass. —1G8, 1G9.
Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.—1G8, 1G9.
Baltimore Type and Composition Corp., 15 Frederick St., Baltimore 2, Md.—1G5.
Bar-O-Type Corporation, 400 Lakeside Ave., Cleveland 13, O.—1G3, 1G5.
Bar-Rack Company, 595 Reed Ave., Akron 1, O.—1G22.
Casey's, Roger, Newspaper Service Co., 425 S. Fifth St., Minneapolis 15, Minn.—1G19.
Compactor Manufacturing Co., 1610 W. Springfield Ave., Champaign, Ill.—1G8.
Curlesaw, Incorporated, 1725 Maple St., Los Angeles 15, Calif.—1G8.
Dixie Type & Supply Co., Inc., 930 N. Sixth Ave., Birmingham 1, Ala.—1G9, 1G16.
Dixon, Joseph, Crucible Co., 167 Wayne St., Jersey City 3, N. J. —1G9.
Dri-Stain Products Co., 3421 Colfax Ave. A, Denver 6, Colo.—1G7.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.—1G8, 1G9.
Electric Heating Co., 8616 Madison Ave., South Gate, Calif.—1G15.
Ewald, L., Co., 14359 Bessemer St., Van Nuys, Calif.—1G12.
○Fairchild Graphic Equipment Inc., Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.—1G1, 1G17.
Fenwal, Incorporated, Pleasant St., Ashland, Mass.—1G15.
○Fisk Industries, 130 W. 46th St., New York 36, N. Y.—1G6, 1G18.
Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa. — Linecomposing magazine racks.
Hartco Manufacturing Co., 224 Meade St., Chester, Pa.—1G14.
Hartzell Machine Works, Market St. and Bethel Rd., Chester, Pa.—1G8, 1G14.
Hiertz, Theo., Metal Co., 8011 Alaska Ave., St. Louis 11, Mo. —1G9.
○Hutzler, Federico K., Co., 1133 Broadway, New York 10, N. Y. —1G4, 1G6, 1G9, 1G12. Spacebands.
Inland Newspaper Supply Co., 422 W. Eighth St., Kansas City 5, Mo.—1G8.
○Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.—1G3, 1G5, 1G8, 1G9, 1G16.
L & W Service Co., 501 Bullocks Point Ave., E. Providence, R. I. —1G19.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—1G1, 1G2, 1G3, 1G4, 1G5, 1G8, 1G9, 1G10, 1G11.
Link Paper Co., 45 Cedar Lane, Englewood, N. J.—1G17.
Linotype Maintenance Co., 277 Broadway, New York 7, N. Y. —1G8.
Linotype Supply Co., Inc., 8 Beach St., New York 13, N. Y.—1G8, 1G9.
○Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill. —1G2, 1G3, 1G4, 1G5, 1G8, 1G9, 1G13, 1G16.
○Matrix Contrast Corp., 154 W. 14th St., New York 11, N. Y. —1G6, 1G7.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—1G2, 1G3, 1G4, 1G5, 1G8, 1G9.
Modern Matrix Co., P.O. Box 192, Grantsburg, Wis.—1G19.
Mohr Lino-Saw Co., 8015 N. Ridgeway Ave., Skokie, Ill.—1G21.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 19, Minn.—1G15.
○Montgomery Company, Inc., Pratt Ave., P.O. Box 309, Towanda, Pa.—1G5, 1G8, 1G9.
Moore, Jack, 560 Eastland Rd., Berea, O.—1G19.
Newton Machine Co., 211 High Ave., Cleveland 15, O.—1G8.
○Paper Manufacturers Co., 9800 Bustleton Ave., Philadelphia 15, Pa.—1G17.
Partlow Corporation, 2 Campion Rd., Hartford, N. Y.—1G8.
○Radio Corp. of America, Industrial Products Div., Front and Cooper, Camden, N. J.—1G1, 1G17.
Rich & McLean, Inc., 345 Carnegie Ave., Kenilworth, N. J.—1G8, 1G9.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—1G8.
Service Engravers, 692 Broadway, New York 12, N. Y.—1G5, 1G19.
○Shaffstall Equipment, Inc., 1717 Gent Ave., Indianapolis, Ind.—1G1.
○Shidler, V. C., Products, 720 Milford St., Glendale 3, Calif.—1G23.
Sossner Steel Stamps, Inc., 161 Grand St., New York 13, N. Y. —1G19.
○Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.—1G8, 1G9, 1G14.
Typecasting Machine Engineers, Inc., 5847 Lawrence Ave., Chicago 30, Ill.—1G5, 1G6, 1G10.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.—1G12.
○Universal Mono-Tabular Corp., 715 N. Central Expressway, Richardson, Tex.—1G4, 1G13.
Wiebking Engraving Co., 1133 N. Newport Ave., Chicago 13, Ill.—1G19.

**COMPOSING MACHINE FEEDERS AND FEEDING DEVICES**
See under Feeders and Feeding Devices 1J.

**COMPOSITION FURNITURE**
See under Furniture 1L.

**COMPOSITOR'S RULE**
See under Gauges 1N.

**COPY-PROOF CONVEYING SYSTEMS 1QQ**
Baldwin, James L., Co., 1551 W. Thomas St., Chicago 22, Ill.
○Jampol Corporation, The, 728—61st St., Brooklyn 20, N. Y.
Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.
○Novak Company, Inc., The, 118 Waynewood Park, Plainfield, N. J.
○Wiretyer Corporation, 65 Lellarts Lane, East Paterson, N. J.

**COPY DESKS**
See Cabinets, Stands, Type Cases, etc., 1E.

**COPY FITTING SYSTEMS**
See under Gauges 1N.

**CORD RUBBER BELTS (LINECASTING)**
See under Belts 1B.

**CREASING, CUTTING AND PERFORATING RULE**
See under Rule 1X.

**CUT CEMENT**
See Adhesives 1A.

**CUT CLEANING FLUID**
See Type Washes 1FF.

**CUT LEVELERS**
See under Saws, Planers, Saw Sharpeners, 1Z.

**CUTTERS, LEAD AND RULE**
See Lead and Rule Cutters 1G.

**CUTTING, CREASING AND PERFORATING RULE**
See under Rule 1X.

## D

**DATING AND NUMBERING (TYPOGRAPHIC) DEVICES**
See Numbering (Typographic) and Dating Devices 1H.

**DESKS, COPY**
See Cabinets, Stands, Type Cases, etc., 1E.

**DESKS FOR FOREMEN**
See Cabinets, Stands, Type Cases, etc., 1E.

**DIES, RULES FOR MAKING**
See under Rule 1X.

**DRESSING FOR BELTS**
See under Belts 1B.

## E

**ELROD METAL**
See Metal and Metal Flux 1R.

**EQUIPMENT FOR SHARPENING SAW-TRIMMERS**
See under Saws, Planers, Saw Sharpeners 1Z.

## F

**FABRICATED BELTS**
See under Belts 1B.

**FEEDERS AND FEEDING DEVICES FOR COMPOSING MACHINES 1J**

- Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
- Electric Heating Co., 8616 Madison Ave., South Gate, Calif.
- Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.
- Linotype Maintenance Co., 277 Broadway, New York 7, N. Y.
- Margach Manufacturing Co., Inc., 47 Wooster St., New York 13, N. Y.
- Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
- Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.
- Monomelt Company, Inc., The, 1611 Polk St., N. E., Minneapolis 13, Minn.
- Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.
- Streamline Metal Feeder Co., 116 Walker St., New York 13, N. Y.
- United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

**FILES AND FILE RACKS**
See Cabinets, Stands, Typecases, etc. 1E.

**FILING EQUIPMENT FOR SAWS**
See under Saws, Planers, Saw Sharpeners 1Z.

**FLUID FOR CLEANING TYPE**
See Type Washes 1FF.

**FLUORESCENT LIGHTING UNITS**
See under Lighting Units 1GG.

**FLUX FOR METAL**
See Metal and Metal Flux 1R.

**FOREMEN'S DESKS**
See Cabinets, Stands, Type Cases, etc., 1E.

**FORM TRUCKS**
See Trucks 1DD.

**FOUNDRY TYPE**
See under Type 1EE.

**FURNACES (REMELTING), PIG MOLDS AND TOOLS 1K**
1K1 Furnaces.
1K5 Heat Control.
1K2 Heating Devices.
1K3 Pig Molds.
1K6 Replacement Pots.
1K4 Tools.

- Acme Electric Heating Co., 1217 Washington St., Boston 18, Mass.—1K2, 1K5.
- Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—1K5.
- Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St., W. Toronto 1, Ontario, Can.—1K1.
- Electric Heating Co., 8616 Madison Ave., South Gate, Calif.—1K1, 1K2, 1K3, 1K5, 1K6.
- Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—1K1, 1K3, 1K4.
- Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.—1K1, 1K3, 1K4.
- Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.—1K1, 1K3, 1K4.
- Kemp, The C.M., Mfg. Co., 405 E. Oliver St., Baltimore 2, Md.—1K2.
- Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—1K1, 1K3, 1K4.
- Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—1K1, 1K3, 1K4.
- Partlow Corporation, 2 Campion Rd., New Hartford, N. Y.—1K1.
- Pittsburgh White Metal Co., 284 Hamilton Ave., Brooklyn 31, N. Y.—1K1, 1K3, 1K4.
- Selas Corp. of America, Dresher, Pa.—1K1.
- Surface Combustion Corp., 2375 Dorr St., Toledo 1, O.—1K1.
- Tork Time Controls, Inc., 52 McQuesten Parkway, Mt. Vernon, N. Y.—1K5.
- United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.—1K1, 1K3.

**FURNITURE 1L**
1L1 Composition.
1L2 Metal.
1L3 Wood.

- American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—1L3.
- Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—1L2.
- Barco Type Founders, 64 Wagner, Northlake, Ill.—1L2.
- Bauer Alphabets, Inc., 235 E. 45th St., New York 17, N. Y.—1L2.
- Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—1L2.
- Chambersburg Lumber Co., College and Scotland Aves., Chambersburg, Pa.—1L3.
- Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—1L1, 1L2, 1L3.
- Irwin Manufacturing Co., Inc., Main St., Garland, Pa.—1L3.
- Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.—1L2.
- Perfection Type, Inc., 35 E. Kellog Blvd., St. Paul, Minn.—1L2.
- Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.—1L2.
- Zimmer Printers Supply Co., Inc., 72 Beekman St., New York 38, N. Y.—1L3.

## G

**GALLEYS AND LOCKS 1M**
1M1 Galleys.
1M2 Galley Locks.

- American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.—1M1.
- American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
- Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—1M1, 1M2.
- Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—1M1, 1M2.
- Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa.—1M1, 1M2.
- Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—1M1.
- Petersen Manufacturing Co., 18 Sebago St., Clifton, N. J.—1M1.
- Riehl Galley Lock Co., The, 748 E. 82nd St., Cleveland 3, O.—1M2.
- Rosback, F. P., Co., 225 Fifth Ave., Benton Harbor, Mich.—1M2.

**GALLEY LOCKS**
See Galleys 1M.

**GAUGES 1N**
1N8 Angle
1N1 Copyfitting.
1N7 Makeup.
1N3 Matrix.
1N4 Micrometer.
1N5 Plate.
1N6 Rules.
1N2 Type High.

- Alico, Incorporated, Montague, Mass.—1N2, 1N5.
- American Evatype Corp., 749 Osterman Ave., Deerfield, Ill.—1N2, 1N3, 1N4, 1N5.
- Baird, Harry, Corp., 114 W. Kinzie St., Chicago 10, Ill.—1N1.
- Brown & Sharpe Mfg. Co., 230 Promenade St., Providence 1, R. I.—1N4, 1N6.
- Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—1N2.
- Dom, G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O.—1N6. Inches, picas, agate scales.
- Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
- Economy Novelty & Printing Co., 244 W. 39th St., New York 18, N. Y., 1N2, 1N6.
- Elco Typographic Service, 161 Dueber Ave., S.W., Canton 6, O.—1N1.
- Empco Manufacturing Co., 929 Atlantic Ave., Atlantic City, N. J.—1N1.
- Gaebel, Arthur H., Inc., P.O. Box 3, Larchmont, N. Y.—1N1.
- Haberule Company, Wilton, Conn.—1N1.
- Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—1N6.
- Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
- Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.—1N1.
- Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—1N1, 1N3.
- Lee, Arthur B., 25 W. 45th St., New York 36, N. Y.—Copy fitting system, 1N1.
- Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—1N1.
- Nolan Machinery Co., Port St., Pulaski, N. Y.—1N2.
- O'Sullivan Composition Co., 491 Broadway, New York 6, N. Y.—1N6.
- Pavey, Van R., 305 E. 46th St., New York 17, N. Y.—1N1.
- Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.—1N4.
- Pittsburgh White Metal Co., Inc., 284 Hamilton Ave., Brooklyn 31, N. Y.—1N2.
- Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—1N6.
- Shidler, V. C., Products, 720 Milford St., Glendale 3, Calif.—1N8.
- Starrett, L. S., Co., Crescent St., Athol, Mass.—1N4.
- Testing Machines, Inc., 72 Jericho Turnpike, Mineola, L. I., N. Y.—1N4.
- Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.—1N2.
- Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—1N2, 1N5, 1N7.

**GRINDING EQUIPMENT FOR SAWS**
See Saws, Planers, Saw Sharpeners 1Z.

## H

**HOOKS FOR BASES**
See Plate Mounting Systems 1U.

**HYDRAULIC FORM FILE**
See under Trucks 1DD.

## I

**IMPOSING TABLES**
See Makeup and Storage Tables 1Q.

**INDIVIDUAL MOTOR DRIVES**
See Motors 1T.

**INGOT MOLDS**
See Furnaces 1K.

**INTERTYPE METAL**
See Metal and Metal Flux 1R.

## K

**KEYBOARDS, KEYBOARD OPERATING UNITS AND TAPE PERFORATORS**
See under Composing Machines and Supplies 1G.

**KEYS FOR QUOINS**
See Chases, Quoins and Lockup Accessories 1F.

## L

**LEAD AND RULE CASTERS**
See under Composing Machines and Supplies 1G.

**LEAD AND RULE CUTTERS 1O**

- American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.
- American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
- Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.
- Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
- Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.
- Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.
- Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.
- Universal Mono-Tabular Corp., 715 N. Central Expressway, Richardson, Tex.

**LEATHER BELTS**
See under Belts 1B.

**LEVELERS FOR BLOCKS**
See under Saws, Planers, Saw Sharpeners 1Z.

**LIFT TRUCKS FOR FORMS**
See under Trucks 1DD.

**LIGHTING UNITS 1GG**

- General Electric Co., Apparatus Sales Div., One River Road, Schenectady 5, N. Y.
- Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**LINECASTING MACHINES**
See under Composing Machines and Supplies 1G.

**LINE GAUGES**
See under Gauges 1N.

**LINE SLUG ROUTERS**
See Routers for Line Slugs 1W.

**LINE-UP AND REGISTER TABLES 1P**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.
Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St., W. Toronto 1, Ontario, Can.
Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass.
Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.
○Hamilton Manufacturing Co., 1316 —18th St., Two Rivers, Wis.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Pittsburgh White Metal Co., 284 Hamilton Ave., Brooklyn 31, N. Y.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.
Taylor Machine Co., 1713 S. Clinton St., Baltimore 24, Md.

**LINOTYPE METAL**
See Metal and Metal Flux 1R.

**LOCKS FOR GALLEYS**
See Galleys 1M.

**LOCKERS, CLOTHING (STEEL) 1OO**
Equipto, 401 S. Highland, Aurora, Ill.
Lyon Metal Products, Inc., Aurora, Ill.
Penco Division, Alan Wood Steel Co., Oaks, Pa.

**LOCK-UP ACCESSORIES, CHASES AND QUOINS**
See Chases, Quoins and Lock-up Accessories 1F.

**LUDLOW METAL**
See Metal and Metal Flux 1R.

## M

**MACHINIST BENCHES**
See Cabinets, Stands, Type Cases, etc., 1E.

**MACHINIST TOOLS**
See Tools 1CC.

**MAKEUP AND COMPOSING RULES**
See Sticks and Rules 1AA.

**MAKEUP AND STORAGE TABLES 1Q**
○American Steel Chase Co., 31-31 —48th Ave., Long Island City 1, N. Y.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Beard Newsprint & Warehouse Co., Inc., 8761 Fulton St., Detroit 9, Mich.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.
Dollahite, K. J., Co., 106 W. 15th St., Ft. Worth Tex.
Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa.
○Hamilton Manufacturing Co., 1316 —18th St., Two Rivers, Wis.
○Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
S & M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif.
Thompson Cabinet Co., Laura St., Ludington, Mich.
Vermont Marble Co., 61 Main St., Proctor, Vt. Marble imposing surfaces.

**MAKEUP TRUCKS**
See under Trucks 1DD.

**MATERIAL MAKERS**
See under Composing Machines and Supplies 1G.

**MATRICES, BLACK AND WHITE**
See under Composing Machines and Supplies 1G.

**MATRICES FOR COMPOSING MACHINES**
See under Composing Machines and Supplies 1G.

**MATRICES FOR TYPECASTING**
See under Composing Machines and Supplies 1G.

**MATRIX, CLEANING**
See under Composing Machines and Supplies 1G.

**MATRIX GAUGES**
See under Gauges 1N.

**MATRIX PROCESSING**
See under Composing Machines and Supplies 1G.

**METAL AND METAL FLUX 1R**
American Solder & Flux Co., 19th & Willard Sts., Philadelphia 40, Pa.
Federated Metals Div., American Smelting and Refining Co., 120 Broadway, New York 5, N. Y.
Hiertz, Theo., Metal Co., 8011 Alaska Ave., St. Louis 11, Mo.
○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.
Midwest Printers Supply, 1209 Sycamore, Cincinnati 10, O.
National Lead Co., 111 Broadway, New York 6, N. Y.
Pittsburgh White Metal Co., 284 Hamilton Ave., Brooklyn 31, N. Y.
Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

**METAL FLUX**
See Metal and Metal Flux 1R.

**METAL FURNITURE**
See under Furniture 1L.

**METAL STRIP RULE**
See under Rule 1X.

**METAL TEMPERATURE INDICATORS**
See Thermometers and Pyrometers 1BB.

**METAL TRUCKS**
See under Trucks 1DD.

**MICROMETERS FOR COMPOSING ROOM USE**
See under Gauges 1N.

**MITERING MACHINES 1S**
○American Steel Chase Co., 31-31 —48th Ave., Long Island City 1, N. Y.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.
Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.

**MOLDS FOR PIGS, REMELTING FURNACES AND TOOLS**
See Furnaces (Remelting), Pig Molds and Tools 1K.

**MONOTYPE METAL**
See Metal and Metal Flux 1R.

**MOTORS 1T**
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
○Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.
Reid, William, Co., 2271 Clybourn Ave., Chicago 14, Ill.
Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.
○Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.
Tri-Par Controls, 9353 Seymour Ave., Schiller Park, Ill.
U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

**MOUNTING SYSTEMS FOR PLATES**
See Plate Mounting Systems 1U.

## N

**NEWSPAPER BINDERS**
See Binders for Newspapers 1C.

**NUMBERING (TYPOGRAPHIC) AND DATING DEVICES 1H**
American Numbering Machine Co., Atlantic and Shepherd Aves., Brooklyn 8, N. Y.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Ameurope, Incorporated, 535 Communipaw Ave., Jersey City 4, N. J.
Arnold Numbering Machine Works, 434 S. Wabash, Chicago 5, Ill.
Atlas Numbering Machine Service, 270 Lafayette St., New York 12, N. Y.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
○Force, Wm. A., & Co., Inc., 216 Nichols Ave., Brooklyn 8, N. Y.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.
National Numbering Machine Co., Inc., 42-25 Ninth St., Long Island City 1, N. Y.
Redington, F. B., Co., 3000 St. Charles Rd., Bellwood, Ill.
Roberts Numbering Machine Div. Heller Roberts Mfg. Corp., 700 Jamaica Ave., Brooklyn 8, N. Y.
○Wetter Numbering Machine Co., Atlantic Ave and Logan St., Brooklyn 8, N. Y.

## O

**OILY WASTE CANS**
See Safety Cans 1Y.

## P

**PARTS FOR COMPOSING MACHINES**
See under Composing Machines and Supplies 1G.

**PARTS REBUILDING 1MM**
Hartzell Machine Works, Market St. and Bethel Rd., Chester, Pa.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
○Montgomery Company, Inc., Pratt Ave., P.O. Box 309, Towanda, Pa.
○Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

**PERFORATING, CUTTING AND CREASING RULE**
See under Rule 1X.

**PERFORATORS FOR KEYBOARD TAPE**
See under Composing Machines and Supplies 1G.

**PHOTOTYPESETTING MACHINES**
See Offset 2D46.

**PICA GAUGES**
See under Gauges 1N.

**PIG MOLDS, REMELTING FURNACES AND TOOLS**
See Furnaces (Remelting), Pig Molds and Tools 1K.

**PLANERS**
See Saws, Planers, Saw Sharpeners 1Z.

**PLATE GAUGES**
See under Gauges 1N.

**PLATE MOUNTING SYSTEMS 1U**
1U3 Cleaning Outfits.
1U6 Light Weight Base.
1U5 One-Piece.
1U1 Sectional.
1U2 Tools.
1U4 Type Metal Base.
○American Steel Chase Co., 31-31 —48th Ave., Long Island City 1, N. Y.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—1U1, 1U2, 1U5.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—1U1, 1U2.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—1U5. Synthetic base.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—1U4.
○Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill. —1U4.
M & L Typesetting & Electrotyping Co., Inc., 4001 Ravenswood Ave., Chicago 13, Ill.—1U4.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.—1U5. 1U6.
Moore, Jack, 560 Eastland Rd., Berea, O.—1U6.
National Lead Co., 111 Broadway, New York 6, N. Y.—1U1, 1U2, 1U5.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—Mounting press, without tape or nails.
Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.—1U1, 1U2.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill. —1U1.
Unique Steel Block Co., Inc., 384 Chemung St., Waverly, N. Y.—1U1, 1U2.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—1U4.
○Wessel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—1U1, 1U2.

**PLATE PROOFING PRESSES**
See under Presses 1V.

**PORTABLE CLEANING BLOWERS**
See Blowers (Portable Cleaning) 1D.

**PRE-MAKEREADY BLOCK LEVELERS**
See under Saws, Planers, Saw Sharpeners 1Z.

**PRE-MAKEREADY PROCESS 1TT**
Minnesota Mining and Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

**PRESSES 1V**
1V4 Printing Pressure Gauge.
1V1 Proofing.
1V3 Rotary.
1V2 Testing.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md. —1V3.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—1V1.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—1V1.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—1V1, 1V2.
Dollahite, K. J., Co., 106 W. 15th St., Ft. Worth 2, Tex.—1V1.

Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—1V3.
O Hoe, R., & Co., 910 E. 138th St., New York 54, N. Y.—1V1.
Huck Company, 72 W. 45th St., New York 36, N. Y.—1V4.
Mosstype Corporation, 150 Franklin Turnpike, Waldwick, N. J.—1V1.
O Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—1V1.
O Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.—1V3.
Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.—1V1.
O Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—1V1, 1V2.
Webb Machine Works, 1252 Dalzell St., Shreveport, La.—1V1.
O Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—1V1.

**PROOF DRIERS 1RR**
O American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
O Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.
O Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.
Esrever Distributors, 1037 W. 22nd St., Los Angeles 7, Calif.
O Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

**PROOFING AND TESTING PRESSES**
See under Presses 1V.

**PROOFING SYSTEMS FOR REPRODUCTION**
See under Reproduction Proofing 1LL.

**PROOFS, REPRODUCTION**
See under Reproduction Proofing 1LL.

**PUNCHES, PRESS 1KK**
O Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.
Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.

**PYROMETERS AND THERMOMETERS**
See Thermometers and Pyrometers 1BB.

## Q

**QUOIN KEYS**
See Chases, Quoins and Lock-up Accessories 1F.

**QUOINS, CHASES AND LOCK-UP ACCESSORIES**
See Chases, Quoins and Lock-up Accessories 1F.

## R

**REGISTER AND LINE-UP TABLES**
See Line-up and Register Tables 1P.

**REGLET**
See under Furniture 1L.

**REMELTING FURNACES, PIG MOLDS AND TOOLS**
See Furnaces (Remelting), Pig Molds and Tools 1K.

**REPRODUCTION PROOFING 1LL**
1LL6 Drier.
1LL1 Mounting Equipment.
1LL2 Photomechanical.
1LL3 Relief.
1LL4 Proof Stock.
1LL4.1 Special.
1LL4.2 Transparent.
1LL5 Wax.
O American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—1LL2, 1LL3.
O Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.—1LL2.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—1LL2.
O Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—1LL3.
O Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—1LL6.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—1LL2.
Esrever Distributors, 1037 W. 22nd St., Los Angeles 7, Calif.—1LL6.
Glyco Products Co., Inc., 350 Fifth Ave., New York 1, N. Y.—1LL5.
Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.—1LL2, 1LL4.2.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.—1LL2.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—1LL4.
Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.—1LL2.
Potdevin Machine Co., 297 North St., Teterboro, N. J.—1LL1, 1LL5.
Roscoe Laboratories, 29 Moore St., Brooklyn 6, N. Y.—1LL4.2.
Transilwrap Company, 4427 N. Clark St., Chicago 40, Ill.—1LL4.2.
O Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—1LL1, 1LL3.
Warren, S. D., Co., 89 Broad St., Boston 1, Mass.—1LL4.1.

**ROUTERS FOR LINE SLUGS 1W**
O American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
O Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.
O Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.
Margach Manufacturing Co., Inc. 47 Wooster St., New York 13, N. Y.
O Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.
O Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.

**RULE 1X**
1X1 Brass.
1X3 Cutting, Creasing and Perforating Rule.
1X2 Type Metal Strip.
1X4 Zinc Face Wood Rule.
O American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.—1X1, 1X3.
O American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—1X1, 1X2, 1X3.
O American Wood Type Mfg. Co., 42-25 Ninth St., Long Island City 1, N. Y.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—1X1.
Baltimore Type and Composition Corp., 15 Frederick St., Baltimore 2, Md.—1X2.
Boyd, H. S., Co., 6915 E. 14th St., Tulsa, Okla.—1X3.
O Hamilton Manufacturing Co., 1316 18th St., Two Rivers, Wis.—1X4.
Irwin Manufacturing Co., Inc., Main St., Garland, Pa.
Judson Type, Inc., 151 W. 23rd St., New York 11, N. Y.—1X.
Los Angeles Type Founders, Inc., 225 E. Pico Blvd., Los Angeles 15, Calif.—1X2.
Mendez Company, 30 Beekman St., New York 38, N. Y.—1X1, 1X2, 1X3.
Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.
O Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—1X3.
Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass.—1X3.
Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif.—1X1, 1X2.
Stripfounders, Incorporated, 4550 S. Federal St., Chicago 9, Ill.—1X2.
Taylor Made Rule Co., 65 Flatbush Ave., Brooklyn 17, N. Y.—1X1, 1X3.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.—1X2.
O Zimmer Printers Supply Co., Inc., 72 Beekman St., New York 38, N. Y.—1X1, 1X3.

**RULE AND LEAD CUTTERS**
See Lead and Rule Cutters 1O.

**RULE CASTERS**
See under Composing Machines and Supplies 1G.

**RULE FOR DIES**
See under Rule 1X.

**RULES, COMPOSING AND MAKEUP**
See Sticks and Rules 1AA.

**RULES FOR COMPOSITORS**
See under Gauges 1N.

## S

**SAFETY CANS 1Y**
O Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
O Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
O Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Justrite Manufacturing Co., 2061 N. Southport Ave., Chicago 14, Ill.
Protectoseal Company, 1920 S. Western Ave., Chicago 8, Ill.
O Wesel Manufacturing Co., 1141 N. Washington St., Scranton 9, Pa.

**SAWS, PLANERS, SAW SHARPENERS 1Z**
1Z7 Band Saws.
1Z1 Planers.
1Z6 Saw Blades.
1Z2 Saw Sharpeners.
1Z3 Saw Sharpening Service.
1Z4 Saw Trimmers.
1Z5 Swaging Machines.
O American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.—1Z1, 1Z2, 1Z3, 1Z4.
O American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—1Z6.
American Wood Products & Tool Supply, 705 Montclaire Ave., Edwardsville, Ill.—1Z6.
Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.—1Z3, 1Z6.
Brett Guard Co., Flatbush, Indus. Terminal Bldg., 3611-14th Ave., Brooklyn 18, N. Y.—Saw guard.
Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis 10, Mo.—1Z3, 1Z6.
Fastener Corporation, C. B. Nelson Co. Div., 3702 River Rd., Franklin Park, Ill.—1Z4.
O Gay-Lee Company, 71 W. Fourteen Mile Rd., Clawson, Mich.—1Z6.
O Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—1Z4.
O Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—1Z1, 1Z2, 1Z4, 1Z6.
O Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—1Z2.
Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.—1Z4.
Mohr Lino-Saw Co., 8015 N. Ridgeway Ave., Skokie, Ill.—Linecomposing machine saw.
O Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.—1Z4.
O Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.—1Z1, 1Z4, 1Z6.
O Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—1Z1, 1Z4.
O North American Products Corp., 707 Bartley St., Jasper, Ind.—1Z3, 1Z6.
O Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.—1Z4.
O Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—1Z1, 1Z4.
O Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—1Z4, 1Z7.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.—1Z4.
Saw and Knife Specialty Co., 6526 Carnegie Ave., Cleveland 3, O.—1Z3, 1Z6.
Sharp Tool Service Co., 5401 W. Lake St., Chicago 44, Ill.—1Z3.
Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass.—1Z6.
Starrett, L. S., Co., Crescent St., Athol, Mass.—1Z6, 1Z7.
Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.—1Z4.
Tesch Manufacturing Co., 2121 N. Drew St., Appleton, Wis.—1Z2, 1Z4, 1Z5.
Treyco Products Co., 149 Longmeadow Rd., Buffalo 26, N. Y.—1Z2, 1Z3.
Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.—1Z4.
Wardwell Manufacturing Co., 3565 Ridge Rd., Cleveland 9, O.—1Z2.
O Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.
Westcott & Thomson, 1027 Arch St., Philadelphia 5, Pa.

**SAW FILING EQUIPMENT**
See under Saws, Planers, Saw Sharpeners, 1Z.

**SAW GRINDERS**
See under Saws, Planers, Saw Sharpeners, 1Z.

**SAW SHARPENERS FOR SAW TRIMMERS**
See under Saws, Planers, Saw Sharpeners 1Z.

**SAW TRIMMERS AND SHARPENING EQUIPMENT**
See under Saws, Planers, Saw Sharpeners 1Z.

**SLUG CALIPERS**
See under Gauges 1N.

**SLUG ROUTERS**
See Routers for Line Slugs 1W.

**SLUG MODIFYING MACHINES 1JJ**
1JJ2 Slug Plate Thickness Cutter.
1JJ1 Slug Profiler.
1JJ3 Slug Surfacer.
1JJ4 Type Screener.
O Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md.—1JJ4.
Curelsaw, Incorporated, 1725 Maple St., Los Angeles 15, Calif.—1JJ1, 1JJ2, 1JJ3.
O Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.—1JJ2, 1JJ3.
O Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—1JJ3.
O Morrison Company, The, 125 W. Melvina St., Milwaukee, Wis.—1JJ2.

**SPACEBAND POLISHING MACHINES**
See Composing Machines and Supplies 1G.

**STANDS, CABINETS, TYPE CASES ETC.**
See Cabinets, Stands, Type Cases, etc. 1E.

**STEEL NEWSPAPER HEADS 1HH**
Moore, Jack, 560 Eastland Rd., Berea, O.
Sossner Steel Stamps, Inc., 161 Grand St., New York 13, N. Y.

**STEEL TYPE**
See under Type 1EE.

**STICKS AND RULES (COMPOSING AND MAKEUP) 1AA**
Hackensack Specialty Mfg. Co., The, 200 Atlantic St., Hackensack, N. J.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.
Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif.

**STICKS, COMPOSING**
See Sticks and Rules 1AA.

**STORAGE AND MAKEUP TABLES**
See Makeup and Storage Tables 1Q.

**STRIP CASTERS**
See under Composing Machines and Supplies 1G.

**STRIP METAL RULE**
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**SUPPLIES FOR COMPOSING MACHINES**
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**TABLES, LINE-UP AND REGISTER**
See Line-up and Register Tables 1P.

**TABLES, MAKEUP AND STORAGE**
See Makeup and Storage Tables 1Q.

**TABULAR SYSTEMS**
See under Composing Machines and Supplies 1G.

**TAPE PERFORATORS FOR COMPOSING MACHINES**
See under Composing Machines and Supplies 1G.

**TEMPERATURE INDICATOR FOR METAL**
See Thermometers and Pyrometers 1BB.

**TESTING AND PROOFING PRESSES**
See under Presses 1V.

**THERMOMETERS AND PYROMETERS 1BB**
Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.
Fenwal, Incorporated, Pleasant St., Ashland, Mass.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Illinois Testing Laboratories, Inc., 420 N. LaSalle St., Chicago 10, Ill.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Partlow Corporation, 2 Campion Rd., New Hartford, N. Y.
Precision Thermometer & Instrument Co., 1434 Brandywine St., Philadelphia 30, Pa.
Pyrometer Instrument Co., Inc., 92 Portland St., Bergenfield, N. J.
Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif.
Sticht, Herman H., Co., Inc., 27 Park Pl., New York 7, N. Y.
Taylor Instrument Companies, 95 Ames St., Rochester 1, N. Y.
Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.

**TIME CLOCKS, RECORDERS**
See Miscellaneous 8J.

**TOOLS FOR REMELTING METAL**
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**TOOLS (MACHINIST) 1CC**
Brown & Sharpe Mfg. Co., 230 Promenade St., Providence 1, R. I.
Casey's, Roger, Newspaper Service Co., 425 S. Fifth St., Minneapolis 15, Minn.
○Fisk Industries, 130 W. 46th St., New York 36, N. Y.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.
Starrett, L. S., Co., Crescent St., Athol, Mass.
Testing Machines, Inc., 72 Jericho Turnpike, Mineola, L.I., N. Y.

**TRUCKS 1DD**
1DD5 Form.
1DD1 Form File.
1DD2 Form Lift.
1DD3 Makeup.
1DD4 Metal.
○American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.—1DD1, 1DD2, 1DD3, 1DD4, 1DD5.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Angle Steel, Inc., 169 Acorn St., Plainwell, Mich.—1DD4.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
Fairbanks Company, The, 393 Lafayette St., New York 3, N. Y.—1DD5.
Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—1DD3.
○Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—1DD1, 1DD2, 1DD3, 1DD4, 1DD5.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—1DD2, 1DD3.
International Newspaper Supply Corp., 1639 N. Lorel Ave., Chicago 39, Ill.—1DD3.
Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.—1DD2.
Moore, Jack, 560 Eastland Rd., Berea, O.—1DD3.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—1DD2, 1DD4, 1DD5.
Nolan Machinery Co., Port St., Pulaski, N. Y.—1DD3.
Revolvator Company, Tonnele Ave., North Bergen, N. J.—1DD2.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—1DD5.
S & M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif.—1DD3, 1DD4.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.—1DD5.
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.—1DD1, 1DD2, 1DD5.
Thompson Cabinet Co., Laura St., Ludington, Mich.—1DD3, 1DD4, 1DD5.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.—1DD4.
Webb Machine Works, 1252 Dalzell St., Shreveport, La.—1DD4.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—1DD5.
Yale & Towne Mfg. Co., 11000 Roosevelt Blvd., Philadelphia 15, Pa.—1DD2.

**TWEEZERS 1NN**
Hackensack Specialty Mfg. Co., The, 200 Atlantic St., Hackensack, N. J.

**TYPE 1EE**
1EE1 Aluminum.
1EE2 Borders.
1EE3 Brass.
1EE4 Casting Machine Matrix.
1EE5 Foundry.
1EE6 Steel.
1EE8 Thin Spaces.
1EE7 Wood.
Abrams, The M. L., Co., 1841 Prospect Ave., Cleveland 15, O.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—1EE2, 1EE3, 1EE5.
○American Wood Type Mfg. Co., 42-25 Ninth St., Long Island City 1, N. Y.—1EE2, 1EE7.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—1EE5.
Baltimore Type and Composition Corp., 15 Frederick St., Baltimore 2, Md.—1EE2, 1EE5.
Barco Type Founders, 64 Wagner, Northlake, Ill.—1EE2, 1EE5.
Bauer Alphabets, Inc., 235 E. 45th St., New York 17, N. Y.—1EE5.
Central Trade Plant of Grand Rapids, 15 Lyon St., N. E., Grand Rapids 2, Mich.—1EE5.
Empire Type Foundry, 55 N. Main St., Delevan, N. Y.—1EE2, 1EE5.
Franklin Manufacturing Corp., 692 Pleasant St., Norwood, Mass.—1EE5.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—1EE3.
Grauert, Ralph W., 100 Gold St., New York 38, N. Y.—1EE3.
Halvorfold Kwikprint Co., 700 E. Union St., Jacksonville, Fla.—1EE3.
○Hamilton Manufacturing Co., 1316 18th St., Two Rivers, Wis.—1EE7.
Jacobs, Louis R., 2546 S. Phillip St., Philadelphia 48, Pa.—1EE8.
Johnson, Joseph E., Co., 610 Atlantic Ave., Brooklyn 17, N. Y.—1EE3, 1EE6.
Judson Type, Inc., 151 W. 23rd St., New York 11, N. Y.—1EE5.
Kelsey, W. A., Co., 45 Crown St., Meriden, Conn.—1EE5.
Los Angeles Type Founders, Inc., 225 E. Pico Blvd., Los Angeles 15, Calif.—1EE2, 1EE5, 1EE8.
M & L Typesetting & Electrotyping Co., 4001 Ravenswood Ave., Chicago 13, Ill.—1EE2, 1EE5.
Mendez Company, 30 Beekman St., New York 38, N. Y.—1EE2, 1EE8.
Midwest Printers Supply, 1209 Sycamore, Cincinnati 10, O.
Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.—1EE2, 1EE5.
OlsenMark Corporation, 124 White St., New York 13, N. Y.—1EE3, 1EE6.
Perfection Type, Inc., 35 E. Kellog Blvd., St. Paul, Minn.—1EE1, 1EE2, 1EE5, 1EE7.
Simplex Gold Stamping Press Co., 55 W. 42nd St., New York 36, N. Y.—1EE3.
Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif.—1EE2.
Sossner Steel Stamps, Inc., 161 Grand St., New York 13, N. Y.—1EE6.
Sterling Type Foundry, Charlotte, Mich.—1EE2, 1EE5.
Stripfounders, Incorporated, 4550 S. Federal St., Chicago 9, Ill.—1EE2, 1EE5.
Taylor Made Rule Co., 65 Flatbush Ave., Brooklyn 17, N. Y.—1EE2.
Typecasting Machine Engineers, Inc., 5847 W. Lawrence Ave., Chicago 30, Ill.—1EE5.
Typefounders, Incorporated, 1006 W. Madison St., Phoenix, Ariz.—1EE5.
Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa.—1EE5.

**TYPE CALIPERS**
See under Gauges, 1N.

**TYPE CASES, CABINETS, STANDS, etc.**
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**TYPE CASTERS**
See Composing Machines and Supplies 1G.

**TYPE-HIGH GAUGES**
See under Gauges 1N.

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See under Composing Machines and Supplies 1G.

**TYPESETTING AND TYPE-CASTING MACHINES**
See Composing Machines and Supplies 1G.

**TYPE TIEUP 1UU**
H & M Taping Div., 645 N. Sumner Ave., Scranton, Pa.
Riehl Galley Lock Co., The, 748 E. 82nd St., Cleveland 3, O.

**TYPE WASH CANS**
See Safety Cans 1Y.

**TYPE WASHES 1FF**
○American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
Chalmers Chemical Co., 123 Chestnut St., Newark 5, N. J.
Diversey Corporation, The, 1820 Roscoe, Chicago 13, Ill.
Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.
Duryea Products Co., Inc., 168 Rockland Ave., Woonsocket, R. I.
Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.
Inco Company, The, 2372 W. Seventh St., Cleveland 13, O.
Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.
Recht, William, Co., Inc., 50 Church St., New York 7, N. Y.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.

**TYPEWRITERS, JUSTIFYING**
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**WASHES FOR TYPE**
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**WASTE CANS**
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**WIPER CANS**
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**WIPING CLOTHS**
See Pressroom, Wiping Cloths 5VV.

**WOOD FURNITURE**
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**WOOD TYPE**
See under Type 1EE.

***Printing Production* Filing System**

# 2A — Electrotyping Index

**HOW TO USE THIS INDEX—This Electrotyping Index is comprised of two parts. At left is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically. Products may be found by alphabetical reference in the Key. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.**

**○Indicates advertiser. See Advertisers' Index, Pages B-C-D.**

## KEY FOR ELECTROTYPING INDEX

**2A13 Centrifugal Casting Process**
**2A20 Curved and Flat Finishing Tools**
**2A1 Direct Pressure Presses**
**2A10 Electro Plating Equipment**
**2A2 Equipment and Supplies**
**2A3 Gauges and Testing Instruments**
**2A9 Metal, Backing**
**2A4 Molding Medium**
**2A5 Motors and Controls**
**2A16 Plate Bending**
**2A17 Plate Casters**
**2A21 Plate Laminating Machine**
**2A6 Plate Mounting and Materials**
**2A18 Plate Shavers**
**2A19 Pre-makeready Process**
**2A7 Precision Proof Presses**
**2A8 Register Systems**
**2A15 Routers**
2A15.1 Flat
2A15.2 Curved
**2A14 Routing Bits**
**2A11 Saws and Trimmers**
**2A12 Timers, Automatic**

○Alico, Incorporated, Montague, Mass.—2A3.

American Brass Co., The, 414 Meadow St., Waterbury 20, Conn.—2A2.

American Wood Products & Tool Supply, 705 Montclaire Ave., Edwardsville, Ill.—2A11.

Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.—2A11, 2A15.

Bishop Stansell Co., P.O. Box 35, W. Carrollton, O.—2A16, 2A17, 2A19.

Brett Guard Co., Flatbush Indus. Terminal Bldg., 3611-14th Ave., Brooklyn 18, N. Y.

Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—2A3, 2A12.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2A2.

○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—2A2, 2A6.

Coes Knife Co., 72 Coes St., Worcester 3, Mass.—2A2.

○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—2A2, 2A6.

Cottrell Company, The, Sub. Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—2A3, 2A7, 2A8, 2A16, 2A20.

Cramer Controls Corp., 100 Saybrook Rd., Centerbrook, Conn.—2A12.

○Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.—2A5.

Dixon, Joseph, Crucible Co., 167 Wayne St., Jersey City 3, N. J.—2A2.

DoAll Company, The, 254 N. Laurel Ave., Des Plaines, Ill.—2A11.

Dom, G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O.—2A2.

○Doven Division, Appleton Machine Co., 618 S. Oneida St., P.O. Box 468, Appleton, Wis.—2A6.

Empire Type Foundry, 55 N. Main St., Delevan, N. Y.—2A2.

Federated Metals Div., American Smelting and Refining Co., 120 Broadway, New York 5, N. Y.—2A9. Electrotype metal, electrotype foils, copper anodes.

○Gay-Lee Company, 71 W. Fourteen Mile Rd., Clawson, Mich.—2A11, 2A14.

○General Electric Co., Apparatus Sales Div., One River Road, Schenectady 5, N. Y.—2A5.

General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2A15.1.

○Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—2A2.

○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—2A11.

Hanson, Van Winkle, Munning Co., 100 Church St., Matawan, N. J.—2A10.

Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.—2A2.

Hiertz, Theo., Metal Co., 8011 Alaska Ave., St. Louis 11, Mo.—2A9.

○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2A1, 2A2, 2A3, 2A8, 2A11, 2A16.

Huck Company, 72 W. 45th St., New York 36, N. Y.—2A18.

Illinois Testing Laboratories, Inc., 420 N. LaSalle St., Chicago 10, Ill.—2A3.

○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.—2A9.

Irwin Manufacturing Co., Inc., Main St., Garland, Pa.—2A6.

○Korn, Henry P., Associated, Inc., 5 Beekman St., New York 38, N. Y.—2A15.

Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.—2A1.

Lake Shore Electrotype Div., Electrographic Corp., 1224 W. Van Buren St., Chicago 7, Ill.—2A17.

Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—2A6.

M & L Typesetting & Electrotyping Co., Inc., 4001 Ravenswood Ave., Chicago 13, Ill.—2A6.

Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—2A19. Adhesive two side, mounting film.

○Monomelt Company, Inc., The, 1611 Polk St., N. E., Minneapolis 13, Minn.—2A1, 2A6, 2A11, 2A17, 2A18.

○Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.—2A14.

Munning & Munning, Inc., 202 Emmet St., Newark 5, N. J.—2A2, 2A10.

National Lead Co., 111 Broadway, New York 6, N. Y.—2A6, 2A9.

○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—2A2, 2A11.

○North American Products Corp., 707 Bartley St., Jasper, Ind.—2A11. Saw Blades.

Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.—2A5.

Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.—2A1, 2A2, 2A10, 2A11, 2A15.2, 2A16.

Permacel Incorporated, U. S. Highway No. 1, New Brunswick, N. J.—2A6.

○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.—2A2, 2A3.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2A3, 2A9, 2A11, 2A14.

Pittsburgh White Metal Co., 284 Hamilton Ave., Brooklyn 31, N. Y.—2A9.

○Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.—2A6.

○Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.—2A2, 2A4, 2A6, 2A7, 2A8, 2A13, 2A15, 2A16, 2A17, 2A18, 2A20, 2A21.

Process Engineering Co., 6435 N. Central Ave., Chicago 46, Ill.—2A10.

Quality Engraving & Electrotype Co., The, 436 Commercial Sq., Cincinnati 2, O. Flat and curved duplicate letterpress plates.

Ralya Saw Corp., 109 W. Second St., Cincinnati 2, O.—2A11.

Reilly Electrotype Co., Div. of Electrographic Corp., 305 E. 45th St., New York 17, N. Y.—2A19.

Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.—2A5.

Revere Copper and Brass, Inc., 230 Park Ave., New York 17, N. Y.—2A2. Copper anodes.

○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—2A11, 2A15.2.

○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—2A6, 2A11.

Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.—2A11, 2A15.1.

S. & W. Machine Co., 26 Vine St., Cincinnati 2, O.—2A16.

Sharp Tool Service Co., 5401 W. Lake St., Chicago 44, Ill.—2A11.

Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass.—2A11.

○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.—2A2, 2A18.

Tarpley, Geo., Co., P.O. Box 245, Chesterland, O.—2A14.

Taylor Instrument Companies, 95 Ames St., Rochester 1, N. Y.—2A3.

Taylor Machine Co., 1713 S. Clinton St., Baltimore 24, Md.—2A8.

Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill.—2A4, 2A6.

Tesch Manufacturing Co., 2121 N. Drew St., Appleton, Wis.—2A11.

Thompson Cabinet Co., Laura St., Ludington, Mich.—2A2.

Tolerton Company, 265 N. Freedom Ave., Alliance, O.—2A6.

Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.—2A11.

Unique Steel Block Co., Inc., 304 Chemung St., Waverly, N. Y.—2A6.

United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.—2A2, 2A9.

U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.—2A5.

○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—2A3, 2A6, 2A7, 2A19.

Wells Manufacturing Co., 1701 S. Main St., South Bend 23, Ind.—2A6.

○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2A6, 2A11, 2A15.1.

Westcott & Thomson, Inc., 1027 Arch St., Philadelphia 5, Pa.—2A2.

Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—2A3.

○Williamson & Company, Inc., P.O. Box 71, Caldwell, N. J.—2A1, 2A4.

***Printing Production* Filing System**

# 2B—Gravure Index

**HOW TO USE THIS INDEX**—This Gravure Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

## KEY FOR GRAVURE INDEX

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**2B23** Blankets
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**2B2** Cameras and Accessories
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- 2B2.2 Cameras
- 2B2.3 Color Filters
- 2B2.4 Diaphragms
- 2B2.5 Lenses
- 2B2.6 Photocopying
- 2B2.8 Reproportioning
- 2B2.7 Screens
- 2B2.9 Shutters, Automatic

**2B3** Chemicals
**2B36** Color Proofing Method
**2B48** Color Separation Machine
**2B25** Color Separation Process
**2B52** Conversion Equipment
**2B39** Cylinder Coating Machine
**2B40** Cylinder Development Machine
**2B46** Cylinder Laydown Machine
**2B31** Cylinder Marking Machine
**2B28** Cylinder Plating and Polishing for the Trade
**2B41** Cylinder Preparation and Clean-Up Tank
**2B4** Cylinder, Sleeve and Platemaking for the Trade
**2B5** Cylinders, Sleeves and Plates
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**2B6** Doctor Blades
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**2B33** Exposure Controls
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## GRAVURE EQUIPMENT AND SUPPLIES MAIN AND CROSS-INDEX

**O Indicates advertiser. See Advertisers' Index Pages B-C-D**

### A

**AIR BRUSHES 2B24**
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Paasche Airbrush Co., 1909 Diversey Parkway, Chicago 14, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

**AIR CONDITIONING**
See Miscellaneous 8A.

### B

**BLADES, DOCTOR**
See Doctor Blades 2B6.

**BLANKETS, 2B23**
O Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.

**BRUSHES, AIR**
See Air Brushes 2B24.

### C

**CABINETS, RACKS, STANDS 2B1**
O American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
O Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.
O Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Equipto, 401 S. Highland, Aurora, Ill.
Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa.
O Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.
Penco Division, Alan Wood Steel Co., Oaks, Pa.
O Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.
Thompson Cabinet Co., Laura St., Ludington, Mich.

**CAMERAS AND ACCESSORIES 2B2**
- 2B2.1 Bellows.
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- 2B2.4 Diaphragms.
- 2B2.5 Lenses.
- 2B2.6 Photocopying.
- 2B2.8 Reproportioning.
- 2B2.7 Screens.
- 2B2.9 Shutters, Automatic.

O American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2B2.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2B2.1, 2B2.2, 2B2.3, 2B2.4, 2B2.5, 2B2.6, 2B2.7, 2B2.8.
O Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2B2.1, 2B2.2, 2B2.3, 2B2.4, 2B2.5, 2B2.6, 2B2.7, 2B2.9.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2B2.2, 2B2.5, 2B2.7.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2B2.2, 2B2.4, 2B2.5, 2B2.7.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2B2.3, 2B2.7.
Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.—2B2.9.
General Scientific Corp., 5151 W. 65th St., Chicago, Ill.—2B2.5.
Goerz, C. P., American Optical Co., 461 Doughty Blvd., Inwood 96, N. Y.—2B2.5.
Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.—2B2.8.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.—2B2.6.
O Kenro Graphics, Inc., 25 Commerce St., Chatham, N. J.—2B2.2.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—2B2.2.
Levy, Max, & Co., Wayne Ave. and Berkley St., Philadelphia 44, Pa.—2B2.7.
Modi-Graphic, Incorporated, 215 E. Ninth St., Cincinnati 2, O.—2B2.8.
Moore Laboratories, 10326 Fenkell, Detroit 38, Mich.—2B2.7.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2B2.2, 2B2.3, 2B2.4, 2B2.5, 2B2.7.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2B2.2, 2B2.3, 2B2.4, 2B2.5, 2B2.6, 2B2.7.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—2B2.2, 2B2.4, 2B2.5, 2B2.7.
O Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.
Sullebarger, E. T., Co., Inc., 114 Liberty St., New York 6, N. Y.—2B2.2, 2B2.5, 2B2.7.
United Camera Co., Inc., 3021 N. Lincoln, Chicago 13, Ill.—2B2.1.
Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.
O Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2B2.2, 2B2.3, 2B2.4, 2B2.5, 2B2.6, 2B2.7.

Western Bellows Co., 5234 Valley Blvd., Los Angeles 32, Calif.—2B2.1.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.
Zeiss, Carl, Inc., 485 Fifth Ave., New York 17, N. Y.—2B2.5.

**CARBON TISSUE**
See under Supplies 2B16.

**CHEMICALS 2B3**
○Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.
Hunt, Philip A., Co., Palisades Park, N. J.
Mallinckrodt Chemical Works, Second and Mallinckrodt Sts., St. Louis 7, Mo.
Moore Laboratories, 10326 Fenkell, Detroit 38, Mich.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.
Teaneck Chemical Co., 197 Washington Ave., Carlstadt, N. J.

**CLOTH, SENSITIZED TRACING**
See under Supplies 2B16.

**COLOR PROOFING METHOD 2B36**
○Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.
Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.
Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**COLOR SEPARATION MACHINE 2B18**
○Fairchild Graphic Equipment, Inc., Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L.I., N. Y.
Printing Developments, Inc., Subsidiary of Time, Inc., 9 Rockefeller Plaza, New York 20, N. Y.
Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.

**COLOR SEPARATION PROCESS 2B25**
Bourges Color Corp., 80 Fifth Ave., New York 11, N. Y.

**COLORVALHUEMETER**
See under Gauges and Testing Instruments 2B17.

**COMPOSING MACHINE, PHOTO**
See Photocomposing Machines 2B12.

**CONTRASTOMETER**
See under Gauges and Testing Instruments 2B17.

**CONTROLLERS FOR MOTORS**
See Motors and Controls 2B11.

**CONVERSION EQUIPMENT 2B32.**
○Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.

**COPPER PLATING TANKS FOR BALLARD PROCESS**
See under Tanks, Copper Plating 2B26.

**CYLINDER COATING MACHINE 2B39**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**CYLINDER DEVELOPMENT MACHINE 2B40**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**CYLINDER ETCHING MACHINE**
See under Etching Machine, Cylinder 2B22.

**CYLINDER GRINDING AND POLISHING EQUIPMENT**
See Grinding and Polishing Equipment 2B7.

**CYLINDER LAYDOWN MACHINE 2B46**
Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

**CYLINDER MARKING MACHINE 2B31**
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.

**CYLINDER PLATING AND POLISHING FOR THE TRADE 2B28**
Electro-Coatings, Incorporated, 9530 Ainslie, Schiller Park, Ill.
General Gravure Service Co., 1413 Chestnut Ave., Hillside, N. J.
Gravure Engraving Corp., 709 Main St., Holyoke, Mass.
Gravure Process Co., 4179 W. Belmont Ave., Chicago 41, Ill.
Inta-Roto Machine Co., Inc., P.O. Box 454, Byrd Airport, Richmond 3, Va.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

**CYLINDER PREPARATION AND CLEANUP TANK 2B41**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**CYLINDER SLEEVE AND PLATEMAKING FOR THE TRADE 2B4**
Acme Gravure Services Inc., 4001 Industrial Ave., Rolling Meadows, Ill.
Beck Engraving Co., Inc., Seventh and Sansom Sts., Philadelphia 6, Pa.
Color Engravers Div., Publication Corp., 1224 W. Van Buren St., Chicago 7, Ill.
General Gravure Service Co., 1413 Chestnut Ave., Hillside, N. J.
Graphic Arts Corp. of Ohio, 110 Ottawa St., Toledo 10, O.
Gravure Engraving Corp., 709 Main St., Holyoke, Mass.
Gravure Process Co., 4179 W. Belmont Ave., Chicago 41, Ill.
Intaglio Service Corp., 305 E. 46th St., New York 17, N. Y.
Inta-Roto Machine Co., Inc., P.O. Box 454, Byrd Airport, Richmond 3, Va.
Viking Engraving Corp., The, 1432 N. Grant Ave., Columbus 1, O.
Western Roto Engravers, 1225 Sixth St., Berkeley 10, Calif.

**CYLINDERS, SLEEVES AND PLATES 2B5**
○Champlain Company, Inc., Harrison Ave., Roseland, N. J.
Edes Manufacturing Co., Water St., Plymouth Mass.
Electro-Coatings, Incorporated, 9530 Ainslie, Schiller Park, Ill.
Florence Pipe Foundry and Machine Co., Front St., Florence, N. J.
General Gravure Service Co., 1413 Chestnut Ave., Hillside, N. J.
Inta-Roto Machine Co., Inc., P.O. Box 454, Byrd Airport, Richmond 3, Va.
Magnat Machinery & Pattern Corp., Leeds, Mass.
Parazin Corporation, 208 Mill St., Rochester 4, N. Y.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

**CYLINDER TRANSFER (PHOTO-PRINTING MACHINE) 2B42**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y.

**CYLINDER TRUCKS AND TABLES**
See under Trucks and Tables 2B19.

## D

**DENSITOMETER**
See under Gauges and Testing Instruments 2B17.

**DOCTOR BLADES 2B6**
2B6.1 Grinder.
Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.—2B6.1.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.

**DOTVALHUESCOPE**
See under Gauges and Testing Instruments 2B17.

## E

**ETCHING MACHINE, CYLINDER 2B22**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.
Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y.
U. S. Stoneware Co., Tallmadge Ave., Akron 9, O.

**EXPLOSION PROOF MOTORS AND CONTROLS**
See Motors and Controls 2B11.

**EXPOSURE CONTROLS 2B33**
Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

## F

**FILM**
See under Supplies 2B16.

**FRAMES, VACUUM PRINTING**
See under Printing Frames 2D23.

## G

**GAUGES AND TESTING INSTRUMENTS 2B17**
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2B17.4 Contrastometer.
2B17.1 Densitometer.
2B17.3 Dotvalhuescope.
2B17.8 Halftone Screen Counter.
2B17.5 Microscope.
2B17.9 Optical Depth Gauge.
2B17.6 Screen Adjusting Wedges.
○Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.—2B17.1.
Bausch & Lomb Optical Co., 651 St. Paul St., Rochester 2, N. Y.—2B17.2, 2B17.5.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2B17.1, 2B17.5, 2B17.8, 2B17.9.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2B17.1.
Gaebel, Arthur H., Inc., P.O. Box 3, Larchmont, N. Y.—2B17.9.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.—2B17.2.
○Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.—Color fastness to light testing machine.
Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.—2B17.1.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2B17.1, 2B17.6.
Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—2B17.5, 2B17.9.
Welch, W. M., Mfg. Co., 1515 Sedgwick St., Chicago 10, Ill.—2B17.1.
Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—2B17.1. Photographic analyzer.

**GLASSES, MAGNIFYING AND REDUCING**
See Pressroom 5BB.

**GRAVURE PRESSES**
See under Presses 2B13.

**GRINDING AND POLISHING EQUIPMENT 2B7**
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

## H

**HUMIDITY CONTROLLING DEVICES**
See Air Conditioning, Miscellaneous 8A.

## I

**INKS 2B8**
Also see Pressroom 5W.
Acheson Dispersed Pigments Co., 1421 Chestnut St., Philadelphia 2, Pa.
Bensing Bros. and Deeney, Sub. of Sun Chemical Corp., 3301 Hunting Park Ave., Philadelphia 29, Pa.
Braden Sutphin Ink Co., The, 3659 E. 93rd St., Cleveland 5, O.
Braznell Company, 5215 Manchester Ave., St. Louis 10, Mo.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
Canada Printing Ink Co., Ltd., Brockhouse Rd., Etobicoke, Box 265, Postal Station N, Toronto 14, Ont., Can.
Crescent Ink & Color Co. of Pa., Inc., 464 N. Fifth St., Philadelphia 23, Pa.
Driscoll, Martin, & Co., 610 S. Federal St., Chicago 5, Ill.
○Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Gotham Ink & Color Co., 5-19—47th Ave., Long Island City 1, N. Y.
Herrick, Wm. C., Ink Co., Inc., One Maple St., East Rutherford, N. J.
Hill-Hentschel Company, 3928 Clayton Ave., St. Louis 10, Mo.
Huber, J. M., Corp., 1478 Chestnut Ave., Hillside, N. J.
○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.
Levey, Fred'k H., Co., Inc., Printing Ink Div., 380 Madison Ave., New York 17, N. Y.
Morrill, George H., Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Roosen, H. D., Co., Div. of Columbian Carbon Co., 380 Madison Ave., New York, N. Y.
Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.
Switzer Brothers, Inc., 4732 St. Clair Ave., Cleveland 3, O.
Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.

**INSTRUMENTS, TESTING**
See under Gauges and Testing Instruments 2B17.

**INTAGLIO PRESSES**
See under Presses 2B13.

## L

**LAMPS 2B9**
2B9.2 Camera
2B9.1 Color Matching.

American Speedlight Corp., 63-01 Metropolitan Ave., Middle Village 79, L.I., N. Y.—2B9.2.

Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Crown Engineering and Sales Co., 421 Hill St., Harrison, N. J.—2B9.1.

Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.

Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.

○General Electric Co., Apparatus Sales Div., One River Road, Schenectady 5, N. Y.

○Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.—2B9.1.

Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.—2B9.1.

○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

Strong Electric Corp., The, 87 City Park Ave., Toledo 1, O.

Sullebarger, E. T., Co., Inc., 114 Liberty St., New York 6, N. Y.

Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**LAYDOWN MACHINE**
See Cylinder Laydown Machine 2B16.

**LAYOUT AND REGISTER TABLES 2B10**

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.

Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass.

Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.

○Hamilton Manufacturing Co., 1316 18th St., Two Rivers, Wis.

Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

○Rouse, H. B., & Co., 2214 North Wayne Ave., Chicago 14, Ill.

Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

Southworth Machine Co., 30 Warren Ave., Portland 5, Me.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.

**LENTICULAR SCREENS**
See under Screens 2B15.

**FLUORESCENT LAMPS**
See Composing 1GG.

## M

**MAGNIFYING AND REDUCING GLASSES**
See Pressroom 5BB.

**MOTORS AND CONTROLS 2B11**
**2B11.1 Standard.**
**2B11.2 Explosion-proof.**

○Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.

○General Electric Co., Apparatus Sales Div., One River Road, Schenectady 5, N. Y.—2B11.2.

Monitor Controller Div., Industrial Electronics Co., Inc., 99 Grove St., Rockland, Mass.

Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.

Oilgear Company, The, 1560 W. Pierce St., Milwaukee 4, Wis.

Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.

Tri-Par Controls, 9353 Seymour Ave., Schiller Park, Ill.

U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.—2B11.2.

## N

**NEWSPRINT AND ROTOGRAVURE PRESSES**
See under Presses 2B13.

## P

**PAPER CONDITIONING**
See Paper Conditioning Equipment 4C and Air Conditioning 8A.

**PAPER, SENSITIZED**
See under Supplies 2B16.

**PAPER CLEANERS (SHEET AND ROLL) 2B30**

○Doyle, J. E., Co., 1220 W. Sixth St., Cleveland 13, O.

Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.

**PAPER TRUCKS**
See under Paper Handling Trucks 4D.

**PHOTO FINISHING EQUIPMENT 2B51**

LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va.

**PHOTOCOMPOSING MACHINES 2B12**

Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.

Lanston Monotype Co., Div Lanston Industries Inc., 24th and Locust Sts., Philadelphia 1, Pa.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

**PHOTOTYPESETTING MACHINES**
See Offset 2D46.

**PLATEMAKING FOR THE TRADE**
See Cylinder, Sleeve and Plate Making 2B4.

**PLATES, SENSITIZED**
See under Supplies 2B16.

**POLISHING AND PLATING, CYLINDER, FOR THE TRADE**
See Cylinder Plating and Polishing for the Trade 2B28.

**POLISHING EQUIPMENT**
See Grinding and Polishing Equipment 2B7.

**PRESSES, 2B13; ALSO SEE 5LL PRESSROOM**
**2B13.1 Newsprint and Rotogravure.**
**2B13.2 Rotogravure.**
**2B13.3 Sheet-Feed.**
**2B13.4 Web Offset and Rotogravure.**

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2B13.1, 2B13.2, 2B13.4.

Champlain Company, Inc., Harrison Ave., Roseland, N. J.—2B13.2, 2B13.3.

Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—2B13.2, 2B13.4.

Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St. W., Toronto 1, Ont., Can.—2B13.2.

Dutro, Orville, & Son, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—2B13.2.

○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2B13.1, 2B13.2.

Henschel, C. B., Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis.

Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.—2B13.2.

○Hoe, R., & Co., 910 E. 138th St., New York 54, N. Y.—2B13.1, 2B13.2, 2B13.3.

Hudson Sharp Machine Co., 1207 Main St., Green Bay, Wis.—2B13.2.

Inta-Roto Machine Co. Inc., P.O. Box 454, Byrd Airport, Richmond 3, Va.—2B13.2.

Kidder Press Co. Inc., 121 Broadway, Dover, N. H.—2B13.2.

Magnat Machinery & Pattern Corp., Leeds, Mass.—2B13.4.

Manhasset Machine Co., Inc., 409 Bayview Ave., Amityville, N. Y.—2B13.2, 2B13.4.

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.—2B13.2.

○Miehle Company, The, Div. Miehle-Goss-Dexter, 2011 W. Hastings St., Chicago 8, Ill.

Model Printing Equipment Corp., 511 Madison St., Hoboken, N. J.—2B13.2, 2B13.3.

Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.—2B13.2.

Potdevin Machine Co., 297 North St., Teterboro, N. J.—2B13.2.

Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill.—2B13.2.

○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.—2B13.1, 2B13.2, 2B13.4.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.—2B13.2.

Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.—2B13.2.

Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y.—2B13.2, 2B13.3.

Waldron, John, Corp., P.O. Box 791, New Brunswick, N. J.—2B13.2.

Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.—2B13.2.

**PRESSES, REPRODUCTION**
See Composing Room 1LL and Offset 2D42.

**PRINTING FRAMES 2B20**

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.

General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.

Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.

**PRINTING LAMPS**
See Lamps 2B9.

**PRINTING PRESS MOTORS AND CONTROLS**
See Motors and Controls 2B11.

**PRINTING PRESSES**
See Presses 2B13.

**PROOF PRESSES 2B44**

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Cottrell Company, The, Sub. Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.

○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.

Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y.

○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

**PROOFING SYSTEMS FOR REPRODUCTION**
See Composing Room 1LL and Offset 2D42.

## R

**RACKS**
See Cabinets, Racks, Stands 2B1.

**REDUCING AND MAGNIFYING GLASSES**
See Pressroom 5BB.

**REGISTER AND LAYOUT TABLES**
See Layout and Register Tables 2B10.

**REGISTER CONTROLS, WEB 2B34**
**2B34.1 Press Register Control.**
**2B34.2 Feeding, Folding and Delivery.**

Champlain Company, Inc., Harrison Ave., Roseland, N. J.

Crosfield Electronics, Inc., 47 New York Ave., Westbury, N. Y.—2B34.1.

Electric Eye Equipment Co., 1938 E. Fairchild St., Danville, Ill.—2B34.1.

○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.

○Korthe Engineering Co., 9353 Seymour Ave., Schiller Park, Ill.—2B34.1.

**REPRODUCTION LETTERS 2B37**

Artype, Incorporated, 127 S. Northwest Hgwy., Barrington, Ill.

Fototype, Incorporated, 1414 W. Roscoe St., Chicago 13, Ill.

Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.

**REPRODUCTION PROOFING**
See Composing Room 1LL and Offset 2D42.

**RETOUCHING TABLES 2B14**

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.

Kreonite, Incorporated, 1532 Barwise, Wichita 4, Kan.

Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

**ROLLERS 2B51**

American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.

Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.

Bingham's, Sam'l, Sons Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

○Dayton Rubber Co., The, Dayco Div., 2342 W. Riverview Ave., Dayton 1, O.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.

Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.

McHugh, J. Thomas, Co., Inc., 31 E. Georgia St., Indianapolis 4, Ind.

Ohio Roller Co., Inc., The, 4468 Detroit Ave., Cleveland 13, O.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
○Rapid Roller Co., 26th and Federal Sts., Chicago 16, Ill.
Wild & Stevens, Inc., 45 Industrial Pl., Newton Upper Falls, Mass.

**ROTOGRAVURE AND NEWSPRINT PRESSES**
See under Presses 2B13.

**ROTOGRAVURE PRESSES**
See under Presses 2B13.

## S

**SAFETY CANS**
See Composing Room 1Y.

**SCREENS 2B15**
2B15.1 Lenticular.
2B15.2 Standard.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2B15.2.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.
Graphic Photo Engraving Co., Inc., 207 W. 25th St., New York 1, N. Y.—2B15.2.
Levy, Max, & Co., Wayne Ave. and Berkley St., Philadelphia 44, Pa.—2B15.2.
Moore Laboratories, 10326 Fenkell, Detroit 38, Mich. 2B15.2.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.—2B15.1, 2B15.2.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2B15.2.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.—2B15.2.

**SENSITIZED PAPER**
See under Supplies 2B16.

**SENSITIZED PLATES**
See under Supplies 2B16.

**SENSITIZED TRACING CLOTH**
See under Supplies 2B16.

**SHEET CLEANERS**
See Offset, Paper Cleaners 2D43.

**SHEET-FEED PRESSES**
See under Presses 2B13.

**SINKS 2B45**
2B45.1 Temperature Controlled.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2B45.1.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Kreonite, Incorporated, 1532 Barwise, Wichita 4, Kan.
Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.—2B45.1.
Pitman, Harold M., Co., 3539 S. 51st Ave., Cicero 50, Ill.

**SLEEVES, CYLINDER**
See under Cylinders, Sleeves and Plates 2B5.

**SPOT PLATER 2B50**
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

**SQUARING UP TABLE 2B43**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**SQUEEGEE MACHINE FOR CYLINDERS 2B32**
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y.

**STANDS**
See Cabinets, Racks, Stands 2B1.

**STATIC ELIMINATORS 2B38**
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Continental Printing Equipment Co., 1402 N. Western Ave., Chicago 22 Ill.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
○Herbert Products, Inc., 74-32 Jamaica Ave., Woodhaven 21, N. Y.
Hewson Company, Inc., The, 443 Broad St., Newark 2, N. J.
Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.
○Portland Company, The, 60 Fore St., Portland 6, Me.
○Simco Company, The, 920 Walnut St., Lansdale, Pa.
Sticht, Herman H., Co., Inc., 27 Park Pl., New York 7, N. Y.
Takk Corporation, P. O. Box 346, Newark, O.
United States Radium Corp., Morristown, N. J.

**SUPPLIES 2B16**
2B16.1 Carbon Tissue.
2B16.2 Film, Sensitized.
2B16.3 Paper.
2B16.4 Plates.
2B16.5 Sensitized Tracing Cloth.
○Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.—2B16.2.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2B16.1, 2B16.2, 2B16.3, 2B16.4.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2B16.1, 2B16.2, 2B16.4.
Cramer Dry Plate & Film Co., The, 1835 Shenandoah Ave., St. Louis 4, Mo.—2B16.2, 2B16.4.
Di-Noc Chemical Arts, Inc., 1700 London Rd., Cleveland 12, O.—2B16.2.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Durol Company, Inc., P.O. Box 335, New Paltz, N. Y. Staging ink.
Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2B16.2, 2B16.3, 2B16.4.
McGraw Colorgraph Co., 175 W. Verdugo Ave., Burbank, Calif.—2B16.1.
Murphy, George, Inc., 57 E. Ninth St., New York 3, N. Y.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—2B16.2.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2B16.2, 2B16.4.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.—2B16.3.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.—2B16.1.
Transilwrap Company, 4427 N. Clark St., Chicago 40, Ill.—2B16.3.

## T

**TABLES, LAYOUT AND REGISTER**
See Layout and Register Tables 2B10.

**TABLES, RETOUCHING**
See Retouching Tables 2B14.

**TANKS, COPPER PLATING FOR BALLARD PROCESS 2B26**
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

**TISSUE, CARBON**
See under Supplies 2B16.

**TRACING CLOTH, SENSITIZED**
See under Supplies 2B16.

**TRADE CYLINDERS, SLEEVES AND PLATES**
See Cylinder, Sleeve and Plate Making 2B4.

**TRANSFER MACHINE 2B18**
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.
Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y.

**TRANSPARENCY VIEWER 2B33**
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.
○Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.
Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

**TRUCKS, PAPER HANDLING**
See under Paper Handling Trucks 4D.

**TRUCKS AND TABLES 2B19**
2B19.1 Cylinder Table.
2B19.2 Cylinder Truck.
Paper Trucks, See Paper Handling Trucks 4D.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—2B19.1.
Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.—2B19.1, 2B19.2.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

**TURNING AND POLISHING EQUIPMENT**
See Grinding and Polishing Equipment 2B7.

## V

**VISCOMETER 2B49**
Bendix Aviation Corp., Cincinnati Div., 3130 Wasson Rd., Cincinnati 8, O.
Graymills Corporation, 3705 N. Lincoln Ave., Chicago 13, Ill.

## W

**WEB OFFSET AND ROTOGRAVURE PRESSES**
See under Presses 2B13.

**WIPING CLOTHS**
See Pressroom 5VV Wiping Cloths.

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*Printing Production Filing System*

# 2C — Miscellaneous Platemaking Index

**HOW TO USE THIS INDEX**—This Miscellaneous Platemaking Index is comprised of two parts. At left is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically. Products may be found by alphabetical reference in the Key. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

○ Indicates advertiser. See Advertisers' Index Pages B-C-D.

## KEY FOR MISCELLANEOUS PLATEMAKING INDEX

**2C2 Engravers' Wood**
**2C3 Linoleum Block**
2C3.1 Linoleum
2C3.2 Tools
**2C4 Photo Film**
**2C6 Plastic**
**2C8 Plastic Platemaking Supplies**
**2C9 Steel Die Equipment and Supplies**
2C9.1 Die Plating Equipment

American Evatype Corp., 749 Osterman Ave., Deerfield, Ill.—2C6.
○Ansco Div., General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.—2C4.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2C2.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2C4.
Cronite Company, Inc., 8070 Hudson Blvd., North Bergen, N. J.—2C9.
Dawson Corporation, The, P. O. Box 52, Pelham, N. Y.—2C9.1.
Di-Noc Chemical Arts, Inc., 1700 London Rd., Cleveland 12, O.—2C4.
Du Pont, E. I., de Nemours & Co., Corner Tenth and Market Sts., Wilmington 98, Del.—2C4.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2C4.
Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.—2C6.
○Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—2C2.
Irwin Manufacturing Co., Inc., Main St., Garland, Pa.—2C2.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Adhesive two side mounting film.
Para-Flex Plate Corp., 21 E. 17th St., New York 3, N. Y.—2C3.1, 2C3.2.
Pioneer Rubber Engraving Co., 21 E. 17th St., New York 3, N. Y.—Linoleum and plastic plates for the trade.
Potdevin Machine Co., 297 North St., Teterboro, N. J.—2C6.
○Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.—2C8.
Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.—2C8.
Ti-Pi Company, 1000 Broadway, Kansas City 5, Mo.—2C6.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2C6.

***Printing Production* Filing System**

# 2D — Offset Index

**HOW TO USE THIS INDEX**—This Offset Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the

## KEY FOR OFFSET INDEX

**2D20 Air Brushes**

**2D40 Blanket Solutions**

**2D1 Blankets**

**2D54 Cabinets**
- 2D54.1 Negative Filing
- 2D54.2 Plate Filing
- Also see Composing Room 1E

**2D2 Cameras and Accessories**
- 2D2.1 Bellows
- 2D2.2 Cameras
- 2D2.3 Color Filters
- 2D2.4 Diaphragms
- 2D2.5 Lenses
- 2D2.6 Photocopying
- 2D2.8 Reproportioning
- 2D2.7 Screens
- 2D2.9 Shutters, Automatic

**2D3 Chemicals**

**2D47 Color Proofing Method**

**2D55 Color Separation Machine**

**2D39 Color Separation Process**

**2D60 Conversion Equipment**

**2D41 Dark Room Equipment**
- 2D41.3 Light
- 2D41.2 Sinks, Plain
- 2D41.1 Sinks, Temperature Controlled

**2D5 Deep Etch Method**

**2D6 Dry Plate Negative Materials**

**2D57 Eliminators, Floating Powder and Ink Mist**

**2D7 Etching Machines**

**2D56 Etching Tables**

**2D44 Exposure Controls**

**2D9 Flannel**

**2D53 Fountains and Accessories**
- 2D53.1 Ink
- 2D53.2 Water
- 2D53.3 Water Level Controls
- 2D53.4 Dividers

**2D37 Gauges and Testing Instruments**
- 2D37.10 Blanket Thickness Gauge
- 2D37.7 Color Printing Control
- 2D37.1 Densitometers
- 2D37.2 Film Inspection
- 2D37.9 Filter Ratio Scale
- 2D37.8 Halftone Screen Counter
- 2D37.3 Hygroscope
- 2D37.4 pH Meters
- 2D37.5 Roller Parallelism Gauge
- 2D37.6 Screen Wedges
- 2D37.11 Sheet Register Rules
- 2D37.12 Spray Scanner

**2D10 Graining Machines**

**2D11 Graining Materials**
- 2D11.1 Graining Marbles
- 2D11.2 Graining Sands

**2D51 Heaters and Neutralizers**
- 2D51.1 Heaters
- 2D51.2 Neutralizers
- 2D51.3 Static Tinsel
- 2D51.4 Heated Air Blower

**2D12 Inks**

**2D13 Lamps**
- 2D13.2 Camera
- 2D13.1 Color Matching

**2D14 Layout, Makeup, Register and Stripping Tables**
- 2D14.1 Layout
- 2D14.2 Line-up
- 2D14.3 Register
- 2D14.4 Stripping

**2D15 Moleskin and Molleton**

**2D16 Motors and Controls**

**2D17 Offset Preventing Equipment**

**2D43 Paper Cleaners**

**2D18 Paper for Negatives**

**2D59 Photo Finishing Equipment**

**2D19 Photocomposing Machines**

**2D46 Phototypesetting Machines**

**2D8 Pile Inverter**

**2D21 Plate Coating Machines**

**2D22 Plates**
- 2D22.1 Aluminum
- 2D22.7 Bi- and Tri-Metal
- 2D22.6 Direct Image
- 2D22.4 Magnesium
- 2D22.2 Paper Plastic
- 2D22.5 Presensitized
- 2D22.3 Zinc

**2D23 Printing Frames**
- 2D23.1 Plain
- 2D23.2 Vacuum

**2D24 Printing Presses**
- 2D24.3 Dry Offset
- 2D24.1 Sheet-Fed
- 2D24.2 Web

**2D25 Proof Presses**

**2D45 Register Controls, Web**
- 2D45.1 Press Register Controls
- 2D45.2 Feeding, Folding and Delivery

**2D38 Reproduction Letters**

**2D42 Reproduction Proofing**
- 2D42.1 Mounting Equipment
- 2D42.2 Photomechanical
- 2D42.8 Presses
- 2D42.3 Relief
- 2D42.4 Special Stock
- 2D42.5 Transparent Stock
- 2D42.6 Wax
- 2D42.7 Drier

**2D27 Retouching Stands**

**2D48 Roller, Dampener, Cleaner**

**2D26 Rollers**

**2D58 Roller, Dampener, Covering**

**2D28 Screens**
- 2D28.3 Contact
- 2D28.1 Lenticular
- 2D28.2 Standard

**2D50 Service**
- 2D50.2 Screen Color Separation Negatives
- 2D50.1 Brightype Method

**2D29 Shading Machines and Shading Mediums**

**2D32 Supplies**
- 2D32.5 Lens and Filter Cleaner
- 2D32.4 Masking Materials
- 2D32.6 Plate Developing Inks
- 2D32.1 Sensitized Film
- 2D32.7 Sponges
- 2D32.3 Tape
- 2D32.2 Transparent Film

**2D33 Transfer Paper**

**2D34 Transfer Presses**

**2D52 Transparency Viewer**

**2D49 Typewriters, Justifying**

**2D36 Washup Devices and Solvents**

## OFFSET EQUIPMENT AND SUPPLIES MAIN AND CROSS-INDEX

**○ Indicates advertiser. See Advertisers' Index, Pages B-C-D.**

### A

**AIR BRUSHES 2D20**

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.

General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.

Paasche Airbrush Co., 1909 Diversey Parkway, Chicago 14, Ill.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

**AIR CONDITIONING**

See Miscellaneous 8A.

**ALUMINUM AND ZINC PLATES**

See Plates, Aluminum and Zinc 2D22.

**ANTI-OFFSET EQUIPMENT**

See Offset Prevention Equipment 2D17.

### B

**BLANKETS 2D1**

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Best, Edward H., & Co., 210 Lincoln St., Boston 5, Mass.

Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.

Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○Dayton Rubber Co., The, Dayco Div., 2342 W. Riverview Ave., Dayton 1, O.

Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.

Hi-Speed Roller Co., Inc., 3157 Tchoupitoulas St., New Orleans 15, La.

House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y.

○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Lumirol Corporation, 41 W. 25th St., New York 10, N. Y.

McHugh, J. Thomas, Co., Inc., 31 E. Georgia St., Indianapolis 4, Ind.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

○Rapid Roller Co., 26th and Federal Sts., Chicago 16, Ill.

○Reeves Brothers, Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y.

Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.

Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.

Wilsolite Corporation, 1827 Niagara St., Buffalo 7, N. Y.

**BLANKET SOLUTIONS 2D40**

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Davidson Corporation. Sub of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Driscoll, Martin, & Co., 610 Federal St., Chicago 5, Ill.
Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.
Fergusson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.
Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.
Recht, William, Co., Inc., 50 Church St., New York 7, N. Y.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.

**BRONZING MACHINES**

**See Pressroom 5F.**

**BRUSHES, AIR**

**See Air Brushes 2D37.**

## C

**CABINETS 2D54**

**2D54.1 Negative Filing.**
**2D54.2 Plate Filing.**
**Also see Composing Room 1E.**

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Atlas Stencil Files Corp., 16716 Westfield Ave., Cleveland 10, O.—2D54.1, 2D54.2.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2D54.1.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—2D54.1, 2D54.2.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D54.1, 2D54.2.
Colwell Litho Products, Inc., 316 Chicago Ave., Minneapolis 15, Minn.—2D54.1, 2D54.2.
Equipto, 401 S. Highland, Aurora, Ill.
Foster Manufacturing Co., 13th and Cherry Sts. Philadelphia 7, Pa.—2D54.1, 2D54.2.
Gustafson Tool Co., 239 Centre St., New York 13, N. Y.—2D54.2.
○Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
Lyon Metal Products, Inc., Aurora, Ill.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2D54.1, 2D54.2.
○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.—2D54.1, 2D54.2.
Penco Division, Alan Wood Steel Co., Oaks, Pa.—2D54.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2D54.1, 2D54.2.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2D54.1.
S & M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif.—2D54.1, 2D54.2.

**CAMERAS AND ACCESSORIES 2D2**

**2D2.1 Bellows.**
**2D2.2 Cameras.**
**2D2.3 Color Filters.**
**2D2.4 Diaphragms.**
**2D2.5 Lenses.**
**2D2.6 Photocopying.**
**2D2.8 Reproportioning.**
**2D2.7 Screens.**
**2D2.9 Shutters, Automatic.**

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2D2.2.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—2D2.2.
Bausch & Lomb Optical Co., 651 St. Paul St., Rochester 2, N. Y.—2D2.5.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.—2D2.2.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2D2.2, 2D2.9.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2D2.1, 2D2.2, 2D2.3, 2D2.4, 2D2.5, 2D2.6, 2D2.7, 2D2.8.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D2.1, 2D2.2, 2D2.3, 2D2.4, 2D2.5, 2D2.6, 2D2.7, 2D2.9.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2D2.2, 2D2.5, 2D2.7.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2D2.2, 2D2.4, 2D2.5, 2D2.7.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2D2.3, 2D2.7.
Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.—2D2.9.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
General Scientific Corp., 5151 W. 65th St., Chicago, Ill.—2D2.5
Goerz, C. P., American Optical Co., 461 Doughty Blvd., Inwood 96, N. Y.—2D2.5.
Goodkin, The M. P., Co., Sub. Goodkin Mfg. Corp., 112-120 Arlington St., Newark 2, N. J.—2D2.2, 2D2.6.
Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.—2D2.8.
Graphic Photo Engraving Co., Inc., 207 W. 25th St., New York 1, N. Y.—2D2.7.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.—2D2.6.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—2D2.2, 2D2.5, 2D2.7.
○Kenro Graphics, Inc., 25 Commerce St., Chatham, N. J.—2D2.2.
Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.—2D2.2, 2D2.6.
Langford, W. A., Co., 10114 S. Crandon Ave., Chicago 7, Ill.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—2D2.2.
Levy, Max, & Co., Wayne Ave., and Berkley St., Philadelphia 44, Pa.—2D2.7.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2D2.2.
Modi-Graphic, Incorporated, 215 E. Ninth St., Cincinnati 2, O.—2D2.8.
Moore Laboratories, 10326 Fenkell, Detroit 38, Mich.—2D2.7.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2D2.2, 2D2.3, 2D2.4, 2D2.5, 2D2.7.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2D2.2, 2D2.3, 2D2.4, 2D2.5, 2D2.6, 2D2.7, 2D2.8.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.—2D2.3.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—2D2.2, 2D2.4, 2D2.5, 2D2.7.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.
Sullebarger, E. T., Co., Inc., 114 Liberty St., New York 6, N. Y.—2D2.2, 2D2.5, 2D2.7.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
United Camera Co., Inc., 3021 N Lincoln, Chicago 13, Ill.—2D2.1.
Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—2D2.9.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa. — 2D2.2, 2D2.3, 2D2.4, 2D2.5, 2D2.6, 2D2.7.
Western Bellows Co., 5234 Valley Blvd., Los Angeles 32, Calif.—2D2.1.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.
Zeiss, Carl, Inc., 485 Fifth Ave., New York 17, N. Y.—2D2.5.

**CHEMICALS 2D3**

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
○Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.
Azoplate Corporation, 558 Central Ave., Murray Hill, N. J.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Driscoll, Martin, & Co., 610 S. Federal St., Chicago 5, Ill.
Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.
Fergusson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.
Handschy, A. E., Co., 2525 N. Elston Ave., Chicago 7, Ill.
Howson, W. H., Div., R. W. Crabtree & Sons, Ltd., 629 Adelaide St., W., Toronto 3, Ont., Can.
Hunt, Philip A., Co., Palisades Park, N. J.
○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.
Jones Graphic Products Co., 320 Broadway, S.E., Albuquerque, N. M.
○Korn, Henry P., Associated, Inc., 5 Beekman St., New York 38, N. Y.
Levey, Fred'k H., Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.
Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.
Lithoplate Incorporated, Sub. of Harris-Intertype Corp., 278 N. Arden Dr., El Monte (Los Angeles), Calif.
Mallinckrodt Chemical Works, Second and Mallinckrodt Sts., St. Louis 7, Mo.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.
Moore Laboratories, 10326 Fenkell, Detroit 38, Mich.
Murphy, George, Inc., 57 E. Ninth St., New York 3, N. Y.
Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.
Siebold, J. H. and G. B., Inc., 150 Varick St., New York 13, N. Y.
Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.
Teaneck Chemical Co., 197 Washington Ave., Carlstadt, N. J.

**COATING MACHINE FOR PLATES**

**See Plate Coating and Whirling Machines 2D21.**

**COLOR PROOFING METHOD 2D47**

○Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.
Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.
Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**COLOR SEPARATION MACHINE 2D55**

Anderson, Paul, Mfg. Co., 8306 Broadway, P. O. Box 6705, San Antonio 9, Tex.
Curtis Laboratories, Inc., 2718 Griffith Park Blvd., Los Angeles 27, Calif.
○Fairchild Graphic Equipment, Inc., Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.
Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.
Printing Developments, Inc., Subsidiary of Time, Inc., 9 Rockefeller Plaza, New York 20, N. Y.
Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.

**COLOR SEPARATION PROCESS 2D39**

Curtis Laboratories, Inc., 2718 Griffith Park Blvd., Los Angeles 27, Calif
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

**CONTROLS AND MOTORS**

**See Motors and Controls 2D16.**

**CONVERSION EQUIPMENT 2D60**

○Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.

**COVERING FOR DAMPENING ROLLERS**

**See Flannels 2D9.**

## D

**DARKROOM EQUIPMENT 2D41**

**2D41.3 Light.**
**2D41.2 Sinks, Plain.**
**2D41.1 Sinks, Temperature Controlled.**

Aids Development Co., Inc., 16580 Elderdale Dr., Cleveland 30, O.—2D41.4.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2D41.1, 2D41.2.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2D41.1, 2D41.2.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D41.1, 2D41.2, 2D41.3.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2D41.1, 2D41.2.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2D41.1, 2D41.2.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill. 2D41.1, 2D41.2
○Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—2D41.1, 2D41.2.
Kreonite, Incorporated, 1532 Barwise, Wichita 4, Kan.—2D41.1, 2D41.2.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.
Leedal, Incorporated, 2929 S. Halsted St., Chicago 8, Ill.—2D41.1, 2D41.2.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2D41.1, 2D41.2, 2D41.3.
○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.—2D41.3.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2D41.1.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2D41.1, 2D41.2.
Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—2D41.3.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.—2D41.1.

**DEEP ETCH METHOD 2D5**

Howson, W. H., Div., R. W. Crabtree & Sons, Ltd., 629 Adelaide St., W., Toronto 3, Ont., Can.
Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.
Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.

**DEVICES FOR PRESS WASHUP**
**See Washup Devices 2D36.**

**DRIVES FOR PRINTING PRESSES**
**See Motors and Controls 2D16.**

**DRY PLATE NEGATIVE MATERIALS 2D6**
○Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.
Cramer Dry Plate & Film Co., The, 1835 Shenandoah Ave., St. Louis 4, Mo.
**Eastman Kodak Co., 343 State St.**, Rochester 4, N. Y.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.

## E

**ELIMINATORS, FLOATING POWDER AND INK MIST 2D57**
Trion, Inc., 1000 Island Ave., McKees Rocks, Pa.

**EQUIPMENT FOR PREVENTING OFFSET**
**See Offset Preventing Equipment 2D17.**

**ETCHING MACHINES 2D7**
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Sullebarger, E. T., Co., Inc., 114 Liberty St., New York 6, N. Y.
U. S. Stoneware Co., Tallmadge Ave., Akron 9, O.

**ETCHING METHODS, DEEP**
**See Deep Etch Method 2D5.**

**ETCHING TABLES 2D56**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Douthitt Corporation, The, 680 E. Fort St. Detroit 26, Mich.
○Hamilton Manufacturing Co., 1316 —18th St., Two Rivers, Wis.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.
Mort, Ralph H. Co., 102 N. W. Ninth Ave., Portland 9, Ore.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.

**EXPOSURE CONTROLS 2D44**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
**Electronic Mechanical Products** Co., 929 Atlantic Ave., Atlantic City, N. J.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.
Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

## F

**FILM**
**See Supplies 2D32.**

**FLANNELS 2D9**
Best, Edward H., & Co., 210 Lincoln St., Boston 5, Mass.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y.
○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.

**FLUORESCENT LAMPS**
See Composing 1GG.

**FOUNTAINS AND ACCESSORIES 2D53**
**2D53.1 Ink.**
**2D53.2 Water.**
**2D53.3 Water Level Controls.**
2D53.4 Dividers.
Aids Development Co., Inc., 16560 Elderdale Dr., Cleveland 30, O.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Dayton Rubber Co., The, Dayco Div., 2342 Riverview Ave., Dayton 1, O.—2D53.4.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y. —2D53.1.
○Gegenheimer, William, Co., Inc., 80 Roebling St., Brooklyn 11, N. Y.—2D53.1, 2D53.2, 2D53.3.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—2D53.1, 2D53.2.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.

**FRAMES, PRINTING**
**See Printing Frames 2D23.**

## G

**GAUGES AND TESTING INSTRUMENTS 2D37**
**2D37.10 Blanket Thickness Gauge.**
**2D37. 7 Color Printing Control.**
**2D37. 1 Densitometers.**
**2D37. 2 Film Inspection.**
**2D37. 9 Filter Ration Scale.**
**2D37. 8 Halftone Screen Counter.**
**2D37. 3 Hygroscope.**
**2D37. 4 pH Meters.**
**2D37. 5 Roller Parallelism Gauge.**
**2D37. 6 Screen Wedges.**
**2D37.11 Sheet Register Rules.**
Alteneder, Theo., & Sons, 1217 Spring Garden St., Philadelphia 23, Pa.
○Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.—2D37.1.
Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—2B37.3, 2B37.4.
○Cambridge Instrument Co., Inc., 3546 Grand Central Terminal, New York 17, N. Y.—2D37.4.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D37.1, 2D37.2, 2D37.8.
**Eastman Kodak Co., 343 State** St., Rochester 4, N. Y.—2D37.2.
Gaebel, Arthur H., Inc., P.O. Box 3, Larchmont, N. Y.—2D37.8.
○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.
Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y. —2D37.1.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2D37.1, 2D37.5, 2D37.6, 2D37.8.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.—2D37.1, 2D37.4, 2D37.6, 2D37.8, 2D37.10.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2D37.9.
**Taylor, W. A. & Co., 7300 York Rd., Baltimore 4, Md.—2D37.4.**
Welch, W. M., Mfg. Co., 1515 Sedgwick St., Chicago 10, Ill.—2D37.1.
Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—2D37.1.

**GLASSES, MAGNIFYING AND REDUCING**
**See Pressroom 5BB.**

**GRAINING MACHINES 2D10**
Amsterdam Continental Types & Graphic Equipment, Inc., 265 Fourth Ave., New York 10, N. Y.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.

**GRAINING MATERIALS 2D11**
**2D11.1 Graining Marbles.**
**2D11.2 Graining Sands.**
Bache, Semon, & Co., 636 Greenwich St., New York 14, N. Y.—2D11.1.
**Minnesota Mining & Mfg. Co., 900** Bush Ave., St. Paul 3, Minn. Mineral grits.—2D11.2.
SKF Industries, Inc., Front St. and Erie Ave., Philadelphia 34, Pa.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.—2D11.2.

**GRINDERS AND STONES**
**See Stones and Grinders 2D31.**

## H

**HEATERS AND NEUTRALIZERS 2D51**
**2D51.4 Heated Air Blower.**
**2D51.1 Heaters.**
**2D51.2 Neutralizers.**
**2D51.3 Static Tinsel.**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J. —2D51.1, 2D51.2.
Continental Printing Equipment Co., 1402 N. Western Ave., Chicago 22, Ill.—2D51.3.
○Doyle, The, J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—2D51.1, 2D51.2.
Dryer Electric Corp., 111 Bedford Ave., Brooklyn 11, N. Y.—2D51.1.
Economy Printers Products Co., 609 S. LaSalle St., Chicago 5, Ill.—2D51.3.
○Herbert Products, Inc., 74-32 Jamaica Ave., Woodhaven 21, N. Y.—2D51.1, 2D51.2, 2D51.4.
Hewson Company, Inc., The, 443 Broad St., Newark 2, N. J.—2D51.2.
Miskella Infra-Red Co., E. 73rd and Grand Ave., Cleveland 4, O.
Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill. —2D51.2.
Selas Corp. of America, Dresher, Pa.—2D51.1.
○Simco Company, The, 920 Walnut St., Lansdale, Pa.—2D51.2.
Static Eliminator Co., 239 Centre St., New York 13, N. Y.—2D51.1, 2D51.2.
○Statikil, 1220 W. Sixth St., Cleveland 13, O.—2D51.2.
Sticht, Herman H., Co., Inc., 27 Park Pl., New York 7, N. Y.—2D51.2.
**Takk Corporation, P.O. Box 346, Newark, O.—2D51.2.**
United States Radium Corp., Morristown, N. J.—2D51.2.
Western Brush Co., Inc., 219 S. Western Ave., Chicago 12, Ill. —2D51.2.

## I

**INKS 2D12**
**Also see Pressroom 5W.**
**Acheson Dispersed Pigments Co.,** 1421 Chestnut St., Philadelphia 2, Pa.
Bensing Bros. and Deeney, Sub. of Sun Chemical Corp., 3301 Hunting Park Ave., Philadelphia 29, Pa.
**Bowers Printing Ink Co., 2655 W. Irving Park Rd., Chicago 18, Ill.**
Braden Sutphin Ink Co., The, 3650 E. 93rd St., Cleveland 5, O.
Braznell Company, 5215 Manchester Ave., St. Louis 10, Mo.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
Canada Printing Ink Co., Ltd., Brockhouse Rd., Etobicoke, Box 265—Postal Station N, Toronto 14, Ont., Can.
**Capitol Printing Ink., Co., Inc., 806 Channing Pl., N.E., Washington 18, D. C.**
**Carlson, John P., Inc., 420 Carroll St., Brooklyn 15, N. Y.**
Cleveland Printing Ink Co., Inc., 1260 W. Fourth St., Cleveland 13, O.
**Crescent Ink & Color Co. of Pa.,** Inc., 464 N. Fifth St., Philadelphia 23, Pa.
Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Driscoll, Martin, & Co., 610 S. Federal St., Chicago 5, Ill.
○Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.
Forbes Ink, Inc., 2249 Elm St., N.W., Cleveland 13, O.
**Gaetjens, Berger & Wirth, Inc.,** 35 York St., Brooklyn 1, N. Y.
**General Printing Ink Co., Div. Sun** Chemical Corp., 750 Third Ave., New York 17, N. Y.
**Graphic Chemical & Ink Co., 714** N. Ardmore Ave., Villa Park, Ill.
Handschy, A. E., Co., 2525 N. Elston Ave., Chicago 47, Ill.
Herrick, Wm. C., Ink Co., Inc., One Maple St., East Rutherford, N. J.
Hill-Henschel Company, 3928 Clayton Ave., St. Louis 10, Mo.
**Hoeffler, J., & Co., 100 Sixth Ave., New York 13, N. Y.**
Huber, J. M., Corp., 1478 Chestnut Ave., Hillside, N. J.
Inco Company, The, 2372 W. Seventh St., Cleveland 13, O.
○Interchemical Corporation, Printing Ink Div., 67 West 44th St., New York 36, N. Y.
**Kohl and Madden Printing Ink** Corp., 1132 S. Jefferson St., Chicago 7, Ill.
Levey, Fred'k H., Co., Inc., Printing Ink Div., 380 Madison Ave., New York 17, N. Y.
**McCutcheon Bros. & Quality, Inc., 2563 N. Reese St., Philadelphia 33, Pa.**
Morrill, George H., Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
**Morrison Printing Ink Co., The,** 1051 Power Ave., Cleveland 14, O.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.
**Pope & Gray, Inc., 17 Industrial** West, Allwood, Clifton, N. J.
Prescott, H. S., 95 Nursery St., Springfield 4, Mass.
Roberts, Lewis, Inc., 72 Union St., Newark 5, N. J.
**Roosen, H. D., Co., Div. of** Columbian Carbon Co., 380 Madison Ave., New York, N. Y.
**Siebold, J. H. & G. B., Inc., 150** Varick St., New York 13, N. Y.
○Sinclair & Carroll Co., Inc., 440 W. Superior, Chicago 10, Ill.
Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.
Sleight & Hellmuth, Inc., 900 S. Clinton St., Chicago 7, Ill.
**Steel City Printing Ink Co., 281** Corliss St., Pittsburgh 20, Pa.
**Switzer Brothers, Inc., 4732 St.** Clair Ave., Cleveland 3, O.
**Triangle Ink & Color Co., 329 E.** 29th St., New York 17, N. Y.
**United Printing Ink Laboratories,** Inc., 1940 E. Letterly St., Philadelphia 25, Pa.
U. S. Printing Ink Corp., 66 Industrial Ave., Little Ferry, N. J.
**Winslow Ink Corp., 104 Greene** St., New York 12, N. Y.

## L

**LAMPS 2D13**
**2D13.2 Camera.**
**2D13.1 Color Matching.**
American Speedlight Corp., 63-01 Metropolitan Ave., Middle Village 79, L. I., N. Y.—2D13.2.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2D13.1, 2D13.2.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Colwell Litho Products, Inc., 316 Chicago Ave., Minneapolis 15, Minn.
Crown Engineering and Sales Co., 421 Hill St., Harrison, N. J. —2D13.1.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
○Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.—2D13.1.
Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y. —2D13.1.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.
Milwaukee Printers Roller Co., 422 S. Fourth St., Milwaukee 4, Wis.
○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Robertson Photo-mecanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.
Strong Electric Corp., The, 87 City Park Ave., Toledo 1, O.
Sullebarger, E. T., Co., Inc., 114 Liberty St., New York 6, N. Y.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**LAYOUT, LINE-UP, REGISTER AND STRIPPING TABLES 2D14**
**2D14.1 Layout.**
**2D14.2 Line-up.**
**2D14.3 Register.**
**2D14.4 Stripping.**

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—2D14.1, 2D14.2, 2D14.3, 2D14.4.
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.—2D14.1, 2D14.3.
Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2D14.1, 2D14.4.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2D14.1, 2D14.2, 2D14.3, 2D14.4.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D14.1, 2D14.2, 2D14.3, 2D14.4
Colwell Litho Products, Inc., 316 Chicago Ave., Minneapolis 15, Minn.—2D14.1, 2D14.4.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2D14.1.
Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass.—2D14.1, 2D14.2, 2D14.3, 2D14.4.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2D14.1, 2D14.4.
Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa.—2D14.1, 2D14.2, 2D14.4.
Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.—2D14.2, 2D14.3.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2D14.1, 2D14.3.
Goodkin, The M. P., Co., Sub. Goodkin Mfg. Corp., 112-120 Arlington St., Newark 2, N. J. —2D14.1, 2D14.4.
○Hamilton Manufacturing Co., 1316 —18th St., Two Rivers, Wis.—2D14.1, 2D14.2, 2D14.3.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.—2D14.4.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa. 2D14.3.
Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill. —2D14.1, 2D14.4.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2D14.1, 2D14.2, 2D14.3, 2D14.4.
○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2D14.1, 2D14.2, 2D14.3, 2D14.4.
Pittsburgh White Metal Co., 284 Hamilton Ave., Brooklyn 31, N. Y.—2D14.2.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.—2D14.1, 2D14.2, 2D14.3, 2D14.4.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2D14.2.
Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis. —2D14.4.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—2D14.1, 2D14.2, 2D14.3, 2D14.4.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.—2D14.1, 2D14.2, 2D14.3.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.
Taylor Machine Co., 1713 S. Clinton St., Baltimore 24, Md.—2D14.3.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.—2D14.1, 2D14.4.

**LENTICULAR SCREENS**
**See under Screens 2D28.**

**LETTERS, REPRODUCTION**
**See Reproduction Letters 2D38.**

## M

**MACHINE FOR ETCHING**
**See Etching Machines 2D7.**

**MAGNIFYING AND REDUCING GLASSES**
**See Pressroom 5BB.**

**MAKE-UP TABLES**
**See Layout, Line-up, Register and Stripping Tables 2D14.**

**MEDIUMS, SHADING**
**See Shading Machines and Shading Mediums 2D29.**

**MOLESKIN AND MOLLETON 2D15**
Best, Edward H., & Co., 210 Lincoln St., Boston 5, Mass.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.
House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y.
○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.
Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Roth, David Z., & Co., 1235 Main Ave., Clifton, N. J.
Siebold, J. H. & G. B., Inc., 150 Varick St., New York 13, N. Y.

**MOLLETON AND MOLESKIN**
**See Moleskin and Molleton 2D15.**

**MOTORS AND CONTROLS 2D16**
○Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Monitor Controller Div., Industrial Electronics Co., Inc., 99 Grove St., Rockland, Mass.
Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.
Oilgear Company, The, 1560 W. Pierce St., Milwaukee 4, Wis.
Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.
Tri-Par Controls, 9353 Seymour Ave., Schiller Park, Ill.
U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

## N

**NEGATIVE MATERIALS, DRY PLATE**
**See under Dry Plate Negative Materials 2D6.**

**NEGATIVE PAPER**
**See Paper for Negatives 2D18.**

## O

**OFFSET PREVENTING EQUIPMENT 2D17**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Craig Corporation, 143 W. 20th St., New York 11, N. Y.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
H. & H. Products, 1930 S. State St., Chicago 16, Ill.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
○Herbert Products, Inc., 74-32 Jamaica Ave., Woodhaven 21, N. Y.
Hewson, Company, Inc., The, 443 Broad St., Newark 2, N. J.
International Dry Spray Corp., 13 E. 19th St., New York 3, N. Y.
Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.
Offen, B., & Co., 29 E. Madison St., Chicago 2, Ill.
Ortman-McCain Company, 1330 W. Washington Blvd., Chicago 7, Ill.
Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.
Paasche Airbrush Co., 1909 Diversey Parkway, Chicago 14, Ill.
Pneuma-Flo Systems, Inc., 141 W. 20th St., New York 11, N. Y.
○Portland Company, The, 60 Fore St., Portland 6, Me. Static eliminator.
Press Filter Co., 848 N. Crescent Hts. Blvd., Los Angeles 46, Calif.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Selas Corp. of America, Dresher, Pa.
○Simco Company, The, 920 Walnut St., Lansdale, Pa.
Static Eliminator Co., 239 Centre St., New York 13, N. Y.
Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y.
Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.
Winton Engineering Co., 2353 May St., Cincinnati, O.

## P

**PAPER CLEANERS 2D43**
○Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.

**PAPER FOR NEGATIVES 2D18**
Cramer Dry Plate & Film Co., The, 1835 Shenandoah Ave., St. Louis 4, Mo.
Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.

**PAPER, TRANSFER**
**See Transfer Paper 2D33**

**PAPER TRUCKS**
**See Paper Handling Trucks 4D.**

**PHOTO FINISHING EQUIPMENT 2D59**
LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va.

**PHOTOCOMPOSING MACHINE 2D19**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.
ByChrome Company, Inc., P.O. Box 1077, Columbus 16, O.
○Carlson, Chesley F., Co., 2240 Edgewood Ave., Minneapolis 26, Minn.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

**PHOTOTYPESETTING MACHINES 2D46**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Filmotype Corporation, 7500 McCormick Blvd., Skokie, Ill.
Foto-Riter Company, 63 S. 13th St., Minneapolis 3, Minn.
Halber Corporation, 4151 Montrose Ave., Chicago 41, Ill.
○Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Photon, Incorporated, 58 Charles St., Cambridge 41, Mass.
Vari-Typer Corporation, 720 Frelinghuysen Ave., Newark 5, N. J.

**PILE INVERTER 2D8**
○Abrams, The M. L., Co., 1841 Prospect Ave., Cleveland 15, O.

**PLATE COATING MACHINES 2D21**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.

**PLATE GRAINING MACHINES**
**See Graining Machines 2D10.**

**PLATE GRAINING MARBLES**
**See Graining Materials 2D11.**

**PLATE GRAINING SANDS**
See Graining Materials 2D11.

**PLATES 2D22**
**2D22.1 Aluminum.**
**2D22.7 Bi- and Tri-Metal.**
**2D22.6 Direct Image.**
**2D22.4 Magnesium.**
**2D22.2 Paper-plastic.**
**2D22.5 Pre-sensitized.**
**2D22.3 Zinc.**
Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.—2D22.1, 2D22.3, 2D22.5.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2D22.2, 2D22.5.
Azoplate Corporation, 558 Central Ave., Murray Hill, N. J.—2D22.1, 2D22.5.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D22.1, 2D22.2, 2D22.3, 2D22.4, 2D22.5, 2D22.6.
Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—2D22.1, 2D22.2, 2D22.5, 2D22.6.
Direct-Image Offset Corp., 1740 Ridge Ave., Evanston, Ill.—2D22.6.
Eastern Lithoplate, Inc., P.O. Box 1232, Joliet, Ill.—2D22.1, 2D22.3, 2D22.5.
○General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2D22.1, 2D22.2, 2D22.3.
Graphic Arts Corp. of Ohio, 110 Ottawa St., Toledo 10, O.—2D22.7.
Illinois Zinc Co., 2959 W. 47th St., Chicago 32, Ill.—2D22.3.
Levey, Fred'k H., Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.—2D22.7.
Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.—2D22.1, 2D22.5.
Lithoplate Incorporated, Sub. of Harris-Intertype Corp., 278 N. Arden Dr., El Monte (Los Angeles), Calif.—2D22.1, 2D22.5.
Milwaukee Printers Roller Co., 422 S. Fourth St., Milwaukee 4, Wis.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—2D22.5.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—2D22.5.
Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.—2D22.1, 2D22.2, 2D22.5, 2D22.6.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2D22.1, 2D22.2, 2D22.3, 2D22.5.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.—2D22.1, 2D22.2, 2D22.5.
Printing Developments, Inc., Subsidiary of Time, Inc., 9 Rockefeller Plaza, New York 20, N. Y.—2D22.7.
Recht, William, Co., Inc., 50 Church St., New York 7, N. Y.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.—2D22.2, 2D22.5.

**PRESSES FOR REPRODUCTION PROOFING**
See Reproduction Proofing 2D42.

**PRESSES, PRINTING**
See Printing Presses 2D24.

**PRESSES, TRANSFER**
See Transfer Presses 2D34.

**PRINTING FRAMES 2D23**
**2D23.1 Plain.**
**2D23.2 Vacuum.**
Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.—2D23.1, 2D23.2.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2D23.1, 2D23.2.
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.—2D23.2.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.—2D23.2.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2D23.1, 2D23.2.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D23.1, 2D23.2.
Colwell Litho Products, Inc., 316 Chicago Ave., Minneapolis 15, Minn.—2D23.1, 2D23.2.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2D23.2.
Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—2D23.2.
Douthitt Corporation, The., 680 E. Fort St., Detroit 26, Mich.—2D23.1, 2D23.2.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2D23.1, 2D23.2.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.—2D23.2.
○Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—2D23.2.
Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.—2D32.2.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—2D23.2.
LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va.—2D23.1.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2D23.2.
Milwaukee Printers Roller Co., 422 S. Fourth St., Milwaukee 4, Wis.—2D23.2.
○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.—2D23.2.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2D23.1, 2D23.2.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.—2D23.2.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2D23.2.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—2D23.2.
Tasope Company, The. Tasope Bldg., Aurora, Mo.—2D23.2.
Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—2D23.2.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2D23.2.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.—2D23.1, 2D23.2.

**PRINTING LAMPS**
See Lamps 2D13.

**PRINTING PRESS DRIVES**
See Motors and Controls 2D16.

**PRINTING PRESSES 2D24**
**Also see Pressroom 5LL.**
**2D24.3 Dry Offset.**
**2D24.1 Sheet-Feed.**
**2D24.2 Web.**
Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.—2D24.1.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2D24.1, 2D24.2, 2D24.3.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—2D24.1.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2D24.1.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—2D24.2.
Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St. W., Toronto 1, Ontario, Can.—2D24.1.
Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—2D24.1.
Hamilton Tool Co., The. Ninth and Hanover, Hamilton, O.—2D24.2.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—2D24.1, 2D24.2.
Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.—2D24.2, 2D24.3.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2D24.1, 2D24.2.
Kidder Press Co., Inc., 121 Broadway, Dover, N. H.—2D24.1, 2D24.2.
Levey, Fred'k H., Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.—2D24.2.
Magnat Machinery & Pattern Corp., Leeds, Mass.—2D24.4.
Manhasset Machine Co., Inc., 409 Bayview Ave., Amityville, N. Y.—2D24.3.
○Miehle Company, Div. Miehle-Goss-Dexter, 2011 W. Hastings St., Chicago 8, Ill.—2D24.1.
Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.—2D24.1.
Model Printing Equipment Corp., 511 Madison St., Hoboken, N. J.—2D24.2, 2D24.3.
○New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.—2D24.2.
Northern Machine Works, 323 N. Fourth St., Philadelphia, Pa.—2D24.1.
Royal Zenith Corp., 180 Varick St., New York 14, N. Y.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.
Schriber Press Co., 4900 Webster St., Dayton 4, O.—2D24.2.
Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y.—2D24.1, 2D24.2.
Waldron, John, Corp., P.O. Box 791, New Brunswick, N. J.—2D24.2.
Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.—2D24.2.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.—2D24.3.

**PROOF PRESSES 2D25**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

**PROOFS, REPRODUCTION**
See Reproduction Proofing 2D42.

## R

**RECORDERS AND TIME CLOCKS**
See Miscellaneous 8J.

**REDUCERS, INK**
See Inks 2D12.

**REDUCING AND MAGNIFYING GLASSES**
See Pressroom 5BB.

**REGISTER CONTROLS, WEB 2D45**
**2D45.1 Press Register Controls.**
**2D45.2 Feeding, Folding and Delivery.**
Champlain Company, Inc., Harrison Ave., Roseland, N. J.
Electric Eye Equipment Co., 1938 E. Fairchild St., Danville, Ill.—2D45.1.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
○Korthe Engineering Co., 9353 Seymour Ave., Schiller Park, Ill.—2D45.1.

**REGISTER TABLES**
See Layout, Line-up, Register and Stripping Tables 2D14.

**REPRODUCTION LETTERS 2D38**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Artype, Incorporated, 127 S. Northwest Hgwy., Barrington, Ill.
Foto-Graphic Products Co., 2701—14th Ave., S., Minneapolis, Minn.—2D38.
Fototype, Incorporated, 1414 W. Roscoe St., Chicago 13, Ill.
Modi-Graphic, Incorporated, 215 E. Ninth St., Cincinnati 2, O.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.

**REPRODUCTION PROOFING 2D42**
**2D42.1 Mounting Equipment.**
**2D42.2 Photomechanical.**
**2D42.3 Relief.**
**2D42.4 Special Stock.**
**2D42.5 Transparent Stock.**
**2D42.6 Wax.**
**2D42.7 Drier.**
**2D42.8 Presses.**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2D42.2, 2D42.3.
○Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.—2D42.2.
Bruning, Charles, Co., Inc., Mt. Prospect, Ill.—2D42.2.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—2D42.3.
○Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—2D42.7.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2D42.2.
Esrever Distributors, 1037 W. 22nd St., Los Angeles 7, Calif.—2D42.7.
Glyco Products Co., Inc., 350 Fifth Ave., New York 1, N. Y.—2D42.6.
Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.—2D42.2, 2D42.5.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.—2D42.2.
Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.—2D42.2.
Potdevin Machine Co., 297 North St., Teterboro, N. J.—2D42.1, 2D42.6.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.—2D42.4, 2D42.5.
Transilwrap Company, 4427 N. Clark St., Chicago 40, Ill.—2D42.5.
○Vandercook & Sons Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—2D42.1, 2D42.3, 2D42.8.
Warren, S. D., Co., 89 Broad St., Boston 1, Mass.—2D42.4.

**RETOUCHING STANDS 2D27**
Brown, W. A., Mfg. Co., 608 S. Dearborn St. Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St. Brooklyn 5, N. Y.
Douthitt Corporation, The. 680 E. Fort St., Detroit 26, Mich.
Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa.
○Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Kreonite, Incorporated, 1532 Barwise, Wichita 4, Kan.
Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.

**ROLLER, DAMPENER, CLEANER 2D48**
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.
Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Fergusson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.
Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.
Mort, Ralph H., Co., 102 N. W. Ninth Ave., Portland 9, Ore.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

Polychrome Corporation, 2 Ashburton, Yonkers 2, N. Y.
Recht, William, Co., Inc., 50 Church St., New York 7, N. Y.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.

**ROLLER, DAMPENER COVERING 2D58**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.
Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.
Polychrome Corporation, 2 Ashburton, Yonkers 2, N. Y.

**ROLLERS 2D26**
**Also see Pressroom 5NN.**
American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.
Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○Dayton Rubber Co., The, Dayco Div., 2342 W. Riverview Ave., Dayton 1, O.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.
Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.
Hart, William C., Co., Inc., 137 Greene St., New York 12, N. Y.
Hi-Speed Roller Co., Inc., 3157 Tchoupitoulas St., New Orleans 15, La.
Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.
Lumirol Corporation, 41 W. 25th St., New York 10, N. Y.
McHugh, J. Thomas, Co., Inc., 31 E. Georgia St., Indianapolis 4, Ind.
Moreland Corporation, The, York and Fitzwatertown Rds., Willow Grove, Pa.
○Niles & Nelson, Inc., 75 West St., New York 6, N. Y.
Ohio Roller Co., Inc., 4408 Detroit Ave., Cleveland 13, O.
○Rapid Roller Co., 26th and Federal Sts., Chicago 16, Ill.
Raybestos-Manhattan, Inc., Manhattan Rubber Div., 61 Willett St., Passaic, N. J.
○Reeves Brothers, Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y.
Siebold, J. H. & G. B., Inc., 150 Varick St., New York 13, N. Y.
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.
Vogt Roller Co., Inc., 222 S. 12th St., Louisville 3, Ky.
Wild & Stevens, Inc., 45 Industrial Pl., Newton Upper Falls, Mass.

**ROLLER WASHING DEVICES**
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**SAFETY CANS**
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**SANDS FOR GRAINING**
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**SCREENS 2D28**
**2D28.3 Contact.**
**2D28.1 Lenticular.**
**2D28.2 Standard.**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Caprock Developments, 165 Broadway, New York 6, N. Y.—2D28.3.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove N. Y.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2D28.2.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2D28.3.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Graphic Photo Engraving Co., Inc., 207 W. 25th St., New York 1, N. Y.—2D28.2.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—2D28.1, 2D28.2.
Levy, Max. & Co., Wayne Ave., & Berkley St., Philadelphia 44, Pa.—2D28.2.
Moore Laboratories, 10326 Fenkell, Detroit 38 Mich.—2D28.2.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2D28.1, 2D28.2.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.—2D28.2, 2D28.3.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2D28.2.

**SERVICE 2D50**
**2D50.2. Screen Color Separation Negatives.**
**2D50.1. Brightype Method.**
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.—2D50.2.
○Brightype Div., Central Publishing Co., Inc., 401 N. College Ave., Indianapolis 2, Ind.—2D50.1.

**SHADING MACHINES AND SHADING MEDIUMS 2D29**
Bourges Color Corp., 80 Fifth Ave., New York 11, N. Y.
ByChrome Company, Inc., P.O. Box 1077, Columbus 16, O.
Craftint Manufacturing Co., The, 1615 Collamer Ave., Cleveland 10, O.
Moore Laboartories, 10326 Fenkell, Detroit 38, Mich.
Tintograph Company, 68 Jay St., Brooklyn 1, N. Y.

**SHEET CLEANERS**
**See Paper Cleaners 2D48.**

**SHEET-FEED PRESSES**
**See under Printing Presses 2D24.**

**SINKS**
**See Darkroom Equipment.**

**STANDARD SCREENS**
**See Screens 2D28.**

**STANDS, RETOUCHING**
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**2D32.5 Lens and Filter Cleaner.**
**2D32.4 Masking Materials.**
**2D32.1 Sensitized Film.**
**2D32.7 Sponges.**
**2D32.3 Tape.**
**2D32.2 Transparent Film.**
American Tape Co., 4058 Beaufait Ave., Detroit 7, Mich.—2D32.3.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.—2D32.5.
○Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.—2D32.1, 2D32.2.
Atlas Sponge Co., 2520 S. Damen Ave., Chicago 8, Ill.—2D32.7.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2D32.1, 2D32.2, 2D32.3.
○Carlson, Chesley F., Co., 2240 Edgewood Ave., Minneapolis 26, Minn.—2D32.4.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D32.1, 2D32.2.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
Craftint Manufacturing Co., The, 1615 Collamer Ave., Cleveland 10, O.—2D23.4.
Cramer Dry Plate & Film Co., The, 1835 Shenandoah Ave., St. Louis 4, Mo.—2D32.1.
Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—2D32.3, 2D32.4, 2D32.6.
Di-Noc Chemical Arts, Inc., 1700 London Rd., Cleveland 12, O.—2D32.1, 2D32.2.
Dom. G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Du Pont, E. I. de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.—2D32.1, 2D32.2, 2D32.7.
Durol Company, Inc., P.O. Box 335, New Paltz, N. Y. Staging ink.
Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2D32.1, 2D32.2, 2D32.5.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2D32.2.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Gevaert Co. of America, Inc., The, 321 W. 54th St., New York 19, N. Y.—2D32.1, 2D32.2.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.—2D32.1.
Howson, W. H., Div., R. W. Crabtree & Sons, Ltd., 629 Adelaide St., W., Toronto 3, Ont., Can.—2D32.1, 2D32.2.
○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.
Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.—2D32.4, 2D32.6.
Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.—2D32.6.
Miami Valley Coated Paper Co., Oxford Rd., Franklin, O.—2D32.4.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—2D32.2.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—2D32.1, 2D32.2.
Norman-Willets Graphic Supply Co., 316 W. Washington St., Chicago 6, Ill.
Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.—2D32.6.
Permacel Incorporated, U. S. Highway No. 1, New Brunswick, N. J.—2D32.3.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2D32.1, 2D32.2, 2D32.3.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.
Recht, William, Co., Inc., 50 Church St., New York 7, N. Y.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.—2D32.1, 2D32.2, 2D32.3, 2D32.4.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.—2D32.1, 2D32.2, 2D32.4.
Roth, David Z., & Co., 1235 Main St., Clifton, N. J.—2D32.1.
Ryan, E. G., and Co., 153 W. Huron St., Chicago 10, Ill.
Siebold, J. H. & G. B., Inc., 150 Varick St., New York 13, N. Y.
Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.
Sullebarger, E. T., Co., Inc., 114 Liberty St., New York 6, N. Y.
Transilwrap Company, 4427 N. Clark St., Chicago 40, Ill.
Ulano Graphic Arts Supplies, Inc., 610 Dean St., Brooklyn 38, N. Y.—2D32.4.

## T

**TABLES, ETCHING**
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**TABLES, LAYOUT, LINE-UP, REGISTER AND STRIPPING**
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**TIME CLOCKS, RECORDERS**
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**TRANSFER PAPER 2D33**
Dennison Manufacturing Co., 300 Howard St., Framingham, Mass. Decal.
Mid-States Gummed Paper Div. of Minnesota Mining & Mfg. Co., 6850 S. Harlem Ave., Bedford Park, Ill.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.

**TRANSFER PRESSES 2D34**
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

**TRANSPARENCY VIEWER 2D35**
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.
Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.
○Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.
Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.

**TRUCKS, PAPER**
**See Paper Handling Trucks 4D.**

**TYPEWRITERS, JUSTIFYING 2D49**
Friden, Incorporated, San Leandro, Calif.
International Business Machines Corp., 590 Madison Ave., New York 22, N. Y.
Vari-Typer Corporation, 720 Frelinghuysen Ave., Newark 2, N. J.

## W

**WASHUP DEVICES & SOLVENTS 2D36**
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Fergusson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.
○Gegenheimer, William, Co., Inc., 80 Roebling St., Brooklyn 11, N. Y.
Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.
Ryan, E. G., and Co., 153 W. Huron St., Chicago 10, Ill.

**WEB PRESSES, OFFSET**
**See under Printing Presses 2D34. Also see Pressroom 5LL.**

**WHIRLING MACHINES**
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**WIPING CLOTHS**
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**ZINC PLATES**
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***Printing Production* Filing System**

# 2E — Photoengraving Index

**HOW TO USE THIS INDEX**—This Photoengraving Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

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**2E2 Burning-In Stoves**
**2E3 Cameras and Accessories**
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- 2E3.2 Color Filters
- 2E3.3 Diaphragms
- 2E3.4 Lenses
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**ACID ETCHING MACHINES**
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**AIR BRUSHES 2E30**
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Paasche Airbrush Co., 1909 Diversey Parkway, Chicago 14, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

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**BURNING-IN STOVES 2E2**
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Douthitt Corporation, The, 650 E. Fort St., Detroit 26, Mich.
Jones Graphic Products Co., 320 Broadway, S. E., Albuquerque, N. M.
○Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
○Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

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- **2E3.8 Reproportioning.**
- **2E3.6 Screens.**
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○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—2E3.1.
○Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y. — 2E3.1, 2E3.2, 2E3.6.
Bausch & Lomb Optical Co., 651 St. Paul St., Rochester 2, N. Y. —2E3.4.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.—2E3.1.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago, Ill.—2E3.1, 2E3.9.
California Ink Co., The, 545 Sansome St., San Francisco 11, Calif.—2E3.1, 2E3.2, 2E3.3, 2E3.4, 2E3.5, 2E3.6, 2E3.7, 2E3.8.
○Caprock Developments, 165 Broadway, New York 6, N. Y.—2E3.6.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2E3.1, 2E3.2, 2E3.3, 2E3.4, 2E3.5, 2E3.6, 2E3.7, 2E3.9.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2E3.1, 2E3.6.
Douthitt Corporation, The, 650 E. Fort St., Detroit 26, Mich.—2E3.1, 2E3.3, 2E3.4, 2E3.6.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2E3.2, 2E3.6.

**Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.—2E3.9.**
General Plate Makers Supply Co., **5441 N. Kedzie Ave., Chicago 25, Ill.**
**General Scientific Corp., 5151 W. 65th St., Chicago, Ill.—2E3.4.**
**Goerz, C. P., American Optical Co., 461 Doughty Blvd., Inwood 96, N. Y.—2E3.4.**
Goodkin, The M. P., Co., Sub. Goodkin Mfg. Corp., 112-120 Arlington St., Newark 2, N. J. —2E3.1, 2E3.5.
Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.—2E3.8.
**Graphic Photo Engraving Co., Inc., 207 W. 25th St., New York 1, N. Y.—2E3.6.**
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.—2E3.5.
**Kenro Graphics, Inc., 25 Commerce St., Chatham, N. J.—2E3.1.**
Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.—2E3.1, 2E3.5.
Langford, W. A., Co., 10114 S. Crandon Ave., Chicago 7, Ill.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa. —2E3.1.
**Levy, Max, & Co., Wayne Ave. and Berkley St., Philadelphia 44, Pa.—2E3.6.**
**Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2E3.1.**
Modi-Graphic, Incorporated, 215 E. Ninth St., Cincinnati 2, O.—2E3.1, 2E3.8.
**Moore Laboratories, 10326 Fenkell, Detroit 38, Mich.—2E3.6.**
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2E3.1, 2E3.2, 2E3.3, 2E3.4, 2E3.6.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—**2E3.1, 2E3.2, 2E3.3, 2E3.4,** 2E3.5, 2E3.6, 2E3.8.
**Rutherford Machinery Co., Div.** Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—**2E3.1,** 2E3.3, 2E3.4, 2E3.5.
**Standard Process Corp., 2704 W.** Roscoe St., Chicago 34, Ill.
Sullebarger, E. T., Co., Inc., 114 Liberty St., New York 6, N. Y. —2E3.1, 2E3.4, 2E3.6.
**Tasope Company, The. Tasope** Bldg., Aurora, Mo.—2E3.1.
United Camera Co., Inc., 3021 N. Lincoln, Chicago 13, Ill.—2E3.7.
Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—2E3.9.
**Wesel Manufacturing Co., 1141 N.** Washington Ave., Scranton 9, **Pa.—2E3.1, 2E3.2, 2E3.3, 2E3.4, 2E3.5,** 2E3.6.
Western Bellows Co., 5234 Valley Blvd., Los Angeles 32, Calif.—2E3.7.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.
**Zeiss, Carl, Inc., 485 Fifth Ave.,** New York 17, N. Y.—2E3.4.

**CEMENT RUBBER**
**See Under Supplies 2E22.**

**CHEMICALS 2E4**
American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
**Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.**
**Atlantic Zinc Works, Inc., 210** Van Brunt St., Brooklyn 31, N. Y.
**Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.**
**California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.**
**Chemco Photoproducts Co., Inc.,** Charles St., Glen Cove, N. Y.
Dirats Photo Plate Co., Inc., 181 Notre Dame St., Westfield, Mass.
Dom, G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and **Market Sts., Wilmington 98, Del.**
Durol Company, Inc., P.O. Box 335, New Paltz, N. Y. Staging ink.
**Eastern Graphic Arts Supply Co.,** Inc., 509 W. 56th St., New York 19, N. Y.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.
Edes Manufacturing Co., Water St., Plymouth, Mass.
Empire Laboratories, Inc., 509 W. 56th St., New York 19, N. Y.
Fergusson, Alex C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.
General Plate Makers Supply Co., 5441 N. **Kedzie Ave., Chicago** 25, Ill.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.
Howson, W. H., Div., R. W. Crabtree & Sons, Ltd., 629 Adelaide St., W., Toronto 3, Ont., Can.
**Hunt, Philip A., Co., Palisades Park, N. J.**
Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.; 50 Church St., New York 7, N. Y.
**Jones Graphic Products Co., 320 Broadway, S. E., Albuquerque,** N. M.
Korn, Henry P., Associated, Inc., 5 Beekman St., New York 38, N. Y.
Mallinckrodt Chemical Works, Second and Mallinckrodt Sts., St. Louis 7, Mo.
**Moore Laboratories, 70 W. Montcalm, Detroit 1, Mich.**
**Murphy, George, Inc., 57 E. Ninth St., New York 3, N. Y.**
**National Steel & Copper Plate Co.,** 700 S. Clinton St., Chicago 7, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Teaneck Chemical Co., 197 Washington Ave., Carlstadt, N. J.

**CLEANERS 2E48**
Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
General Plate Makers Supply Co., **5441 N. Kedzie Ave., Chicago** 25, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

**COLD TOP ENAMEL**
**See Chemicals 2E4.**

**COLLODION**
**See Chemicals 2E4.**

**COLOR FILTERS**
**See under Cameras and Accessories 2E3.**

**COLOR PROCESS 2E5**
Bourges Color Corp., 80 Fifth Ave., New York 11, N. Y.
Colorgraph Process Co., 241 E. Illinois St., Chicago 11, Ill.
Curtis Laboratories, Inc., 2718 Griffith Park Blvd., Los Angeles 27, Calif.
**Eastman Kodak Co., 343 State** St., Rochester 4, N. Y.

**COLOR PROOFING METHOD 2E27**
Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.
Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.
Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.

**COLOR SEPARATION MACHINE 2E46**
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio, Tex.
Curtis Laboratories, Inc., 2718 Griffith Park Blvd., Los Angeles 27, Calif.
Fairchild Graphic Equipment, Inc., Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.
Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.
Printing Developments, Inc., Subsidiary of Time, Inc., 9 Rockefeller Plaza, New York 20, N. Y.
Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.

**CONVERSION EQUIPMENT 2E53**
Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.

**COPPER PLATES**
**See Plates 2E12.**

**CROSS-RULED SCREENS**
**See under Cameras and Accessories 2E3.**

**CUT MOUNTING PRESS 2E40**
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.

**CUT NAILING MACHINES**
**See Nailing Machines 2E9.**

**CUTTERS, GUILLOTINE**
**See Guillotine Cutters 2E7.**

**CYANIDE**
**See Chemicals 2E4.**

**CYLINDER PLATE MAKING FOR THE TRADE 2E39**
Industrial Engraving Co., Church and Banks Sts., Easton, Pa.

**CYLINDER PROOF PRESSES**
**See under Proof Presses 2E15.**

## D

**DARKROOM EQUIPMENT 2E29**
**2E29.3 Light.**
**2E29.2 Sinks, Plain.**
**2E29.1 Sinks, Temperature Controlled.**
Aids Development Co., Inc., 16560 Elderdale Dr., Cleveland 30, O.
American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2E29.1, 2E29.2.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2E29.1, 2E29.2.
Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2E29.1, 2E29.2, 2E29.3.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2E29.1, 2E29.2.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2E29.1, 2E29.2.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2E29.1, 2E29.2.
Jones Graphic Products Co., 320 Broadway, S. E., Albuquerque, N. M.—2E29.1.
Kreonite, Incorporated, 1532 Barwise, Wichita 4, Kan.—2E29.1, 2E29.2.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa. —2E29.2.
Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.—2E29.1, 2E29.2.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2E29.1, 2E29.2, 2E29.3.
nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill. —2E29.3.
Pitman, Harold M., Co., 3239 S. 51st Ave. Cicero 50, Ill.—2E29.1, 2E29.2.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2E29.1, 2E29.2.
Schmidt, H., & Co., 317 S. Paulina St., Chicago 12, Ill.—2E29.1.
Tasope Company, The. Tasope Bldg., Aurora, Mo.—2E29.1.
Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa. —2E29.3.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.

**DEPTHOMETERS**
**See Stereotype Department 2G14.**

**DIAPHRAGMS**
**See under Cameras and Accessories 2E3.**

**DRAGON'S BLOOD**
**See Chemicals 2E4.**

**DRYING CABINETS**
**See Negative Cabinets 2E10.**

## E

**ELECTRIC ETCHING MACHINES**
**See Etching Machines 2E6.**

**ENGRAVING MACHINE 2E47**
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Elgrama Sales Co., La Salle, Ill.
Fairchild Graphic Equipment Inc., Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.

**ETCHING INK**
**See Chemicals 2E4.**

**ETCHING MACHINES 2E6**
**2E6.1 Conventional.**
**2E6.2 Powderless.**
American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J. —2E6.1.
**Brown, W. A., Mfg. Co., 608 S.** Dearborn St., Chicago 5, Ill.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
**Chemco Photoproducts Co., Inc.,** Charles St., Glen Cove, N. Y.
Dirats Photo Plate Co., Inc., 181 Notre Dame St., Westfield, Mass.—2E6.2.
**Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.**
General Plate Makers Supply Co., **5441 N. Kedzie Ave., Chicago** 25, Ill.
**Holmstrom, Axel, Etching Machines, 2555 Carpenter St., Philadelphia 46, Pa.**
**Master Sales & Service Corp., 125** Greenwood Ave., Wyncote, Pa. —2E6.1, 2E6.2.
**National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7,** Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
**Tasope Company, The. Tasope** Bldg., Aurora, Mo.—2E6.2.
U. S. Stoneware Co., Tallmadge Ave., Akron 9, O.

**EXPOSURE CONTROLS 2E35**
American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
**Electronic Mechanical Products** Co., 929 Atlantic Ave., Atlantic City, N. J.
General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.
Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

## F

**FERRIC CHLORIDE**
**See Chemicals 2E4.**

**FILM**
**See under Supplies 2E22.**

**FILTERS, COLOR**
**See under Cameras and Accessories 2E3.**

**FRAMES, PRINTING**
**See under Printing Frames 2E16.**

## G

**GAUGES AND TESTING INSTRUMENTS 2E42**
**Also See Stereotype Department 2G14.**
**2E42.5 Densitometer.**
**2E42.1 Halftone Exposure Control.**
**2E42.6 Halftone Screen Counter.**
**2E42.3 Optical Depth Gauge.**
**2E42.2 pH Control.**
**2E42.4 Screen Adjusting Wedges.**
Alico, Incorporated, Montague, Mass.—2E42.3.
Alteneder, Theo., & Sons, 1217 Spring Garden St., Philadelphia 23, Pa.
**Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.—2E42.5.**

Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—2E42.2.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2E42.1, 2E42.3, 2E42.5, 2E42.6.
Gaebel, Arthur H., Inc., P. O. Box 3, Larchmont, N. Y.—2E42.3, 2E42.6.
Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.—2E42.5.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2E42.2, 2E42.4, 2E42.5, 2E42.6.
Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—2E42.3.
Welch, W. M., Mfg. Co., 1515 Sedgwick St., Chicago 10, Ill.
Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—2E42.1, 2E42.5.

**GLASSES, REDUCING AND MAGNIFYING**
**See Stereotype Department 2G17.**

**GRAVERS**
**See Tools 2E26.**

**GRINDING MACHINES FOR SAWS**
**See under Saws and Saw Sharpeners 2E19.**

**GUILLOTINE CUTTERS 2E7**
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

## H

**HALFTONE SCREENS**
**See under Cameras and Accessories 2E3.**

**HAND PROOF PRESSES**
**See Under Proof Presses 2E15.**

## I

**IRONS, SOLDERING**
**See Tools 2E26.**

## L

**LAMINATED BLOCKING WOOD**
**See Mounting Materials 2E1.**

**LAMPS 2E8**
**2E8.2 Camera.**
**2E8.1 Color Matching.**
American Speedlight Corp., 63-01 Metropolitan Ave., Middle Village 79, L. I., N. Y.—2E8.2.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2E8.2.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Crown Engineering and Sales Co., 421 Hill St., Harrison, N. J.—2E8.1.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
○Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.
Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.
Milwaukee Printers Roller Co., 422 S. Fourth St., Milwaukee 4, Wis.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.
○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.
Strong Electric Corp., The, 87 City Park Ave., Toledo 1, O.
Sullebarger, E. T., Co., Inc. 114 Liberty St., New York 6, N. Y.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**LENSES**
**See under Cameras and Accessories 2E3.**

**LENTICULAR SCREENS**
**See under Cameras and Accessories 2E3.**

**LINE-UP AND REGISTER TABLES 2E36**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass.
Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.
Goodkin, The M. P., Co., Sub. Goodkin Mfg. Corp., 112-120 Arlington St., Newark 2, N. J.
○Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.
○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Pittsburgh White Metal Co., 284 Hamilton Ave., Brooklyn 31, N. Y.

## M

**MAGNIFYING AND REDUCING GLASSES**
**See Stereotype Department 2G17.**

**MOUNTING MATERIALS 2E1**
○Brooks & Perkins, Inc., Magplate Div., 1950 W. Fort St., Detroit 16, Mich.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○Chambersburg Lumber Co., College and Scotland Aves., Chambersburg, Pa.—2E1.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
○Doven Division, Appleton Machine Co., 618 S. Oneida St., P.O. Box 468, Appleton, Wis.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Gulf Laminates, Inc., Picayune, Miss.
Irwin Manufacturing Co., Inc., Main St., Garland, Pa.
Lockwood Company, 125 N. Fifth St., Atchison, Kan.
Pittsburgh White Metal Co., 284 Hamilton Ave., Brooklyn 31, N. Y.
Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill.
Tolerton Company, 265 N. Freedom St., Alliance, O.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.
Wells Manufacturing Co., 1701 S. Main St., South Bend 23, Ind.

**MOUNTING SYSTEMS FOR PLATES**
**See Composing Room 1U.**

**MOUNTING WOOD**
**See Mounting Materials 2E1.**

**MURIATIC ACID**
**See Chemicals 2E4.**

## N

**NAILING MACHINES 2E9**
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

**NEGATIVE CABINETS 2E10**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Lyon Metal Products, Inc., Aurora, Ill.
○Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.
S & M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif.

## O

**OPAQUE**
**See Supplies 2E22.**

## P

**PAPER PROOFING**
**See under Supplies 2E22.**

**PHOTO FINISHING EQUIPMENT 2E50**
LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va.

**PHOTOCOMPOSING MACHINES 2E33**
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○Carlson, Chesley F., Co., 2240 Edgewood Ave., Minneapolis 26, Minn.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

**PHOTOSTAT CAMERAS**
**See under Cameras and Accessories 2E3.**

**PHOTOTYPESETTING MACHINES**
**See Offset 2D46.**

**PLANERS 2E11**
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Monomelt Company, Inc., The, 1611 Polk St., N. E., Minneapolis 13, Minn.
○Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

**PLATE BEVELERS 2E13**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.
○Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

**PLATE COATERS 2E14**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.
○Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.

**PLATE COOLER 2E44**
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
○Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Schmidt, H., & Co., 317 S. Paulina St., Chicago 12, Ill.

**PLATE MOUNTING MACHINES**
**See Nailing Machines 2E9.**

**PLATE MOUNTING SYSTEMS**
**See Composing Room 1U.**

**PLATE MOUNTING WOOD**
**See Mounting Materials 2E1.**

**PLATE PLANERS**
**See Planers 2E11.**

**PLATE REGISTERING SYSTEMS**
**See Register Systems 2E17.**

**PLATE ROUTERS**
**See Routing Machines 2E18.**

**PLATE SHEARS**
**See Guillotine Cutters 2E7.**

**PLATE THICKNESS GAUGES**
**See Stereotype Department 2G14.**

**PLATES 2E12**
**2E12.4. Backup Board for Thin Zinc.**
**2E12.1 Brass.**
**2E12.2 Copper.**

**2E12.10 Curved saddles.**
**2E12.9 Flat backup plate.**
**2E12.5 Magnesium.**
**2E12.7 Pre-sensitized.**
**2E12.3 Zinc.**
**2E12.8 Zinc Alloy**
**2E12.6 Zinc Coated Magnesium.**

○Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. Y.—2E12.1, 2E12.2, 2E12.3, 2E12.4, 2E12.5.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.—2E12.2, 2E12.3.
○Brooks & Perkins, Inc., Magplate Div., 1950 W. Fort St., Detroit 16, Mich. — 2E12.5, 2E12.9, 2E12.10.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2E12.1, 2E12.2, 2E12.3, 2E12.4, 2E12.5, 2E12.7.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2E12.1, 2E12.2, 2E12.3, 2E12.4, 2E12.5, 2E12.7.
Dirats Photo Plate Co., Inc., 181 Notre Dame St., Westfield, Mass.—2E12.7.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2E12.2, 2E12.3.
Dow Chemical Co., Midland, Mich.—2E12.5.
Edes Manufacturing Co., Water St., Plymouth, Mass.—2E12.1, 2E12.2, 2E12.3, 2E12.4, 2E12.5.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2E12.2, 2E12.3.
○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.—2E12.3, 2E12.5, 2E12.8.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—2E12.2, 2E12.3.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2E12.1., 2E12.2, 2E12.3, 2E12.7.
Rolled Plate Metal Co., 196 Van Brunt St., Brooklyn 31, N. Y.—2E12.1, 2E12.2, 2E12.3, 2E12.4, 2E12.5, 2E12.8.

**PLATING EQUIPMENT, CHROME 2E51**
Hanson, Van Winkle, Munning Co., 100 Church St., Matawan, N. J.
Munning & Munning, Inc., 202 Emmet St., Newark 5, N. J.

**POWDERING CABINET 2E45**
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
○Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Schmidt, H., & Co., 317 S. Paulina St., Chicago 12, Ill.

**POWDER BURNING-IN STOVES**
See Burning-In Stoves 2E2.

**PRESSES, PROOF**
See under Proof Presses 2E15.

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**2E16.1 Plain.**
**2E16.2 Vacuum.**

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2E16.1, 2E16.2.
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.—2E16.2.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.—2E16.2.
Brown, W. A., Mfg. Co., 606 S. Dearborn St., Chicago 5, Ill.—2E16.1, 2E16.2.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2E16.1, 2E16.2.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2E16.2.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2E16.1, 2E16.2.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2E16.1, 2E16.2.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—2E16.2.
LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria Va.—2E16.1.
○nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.—2E16.2.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2E16.1, 2E16.2.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2E16.2.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—2E16.2.
Tasope Company, The, Tasope Bldg., Aurora, Mo.—2E16.2.
Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa. —2E16.2.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2E16.2.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.—2E16.1, 2E16.2.

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See Color Process 2E5.

**PROOF DRIERS 2E34**
○Doyle, J. E., Co., 1220 W. Sixth St., Cleveland 13, O.

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**PROOF PRESSES 2E15**
**2E15.1 Cylinder.**
**2E15.2 Hand.**

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich. Automatic ink distributor for hand proof press.—2E15.1, 2E15.2.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2E15.1.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2E15.2.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2E15.2.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—2E15.1, 2E15.2.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2E15.1, 2E15.2.

**PUMP, ACID 2E52**
Randolph Company, The, 1018 Rosine St., Houston 19, Tex.

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**REDUCING GLASSES**
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**REGISTER SYSTEMS 2E17**
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.
Pittsburgh White Metal Co., 284 Hamilton Ave., Brooklyn 31, N. Y.
○Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.
Taylor Machine Co., 1713 S. Clinton St., Baltimore 24, Md.

**REPRODUCTION LETTERS 2E41**
Artype Incorporated, 127 S. Northwest Hgwy., Barrington, Ill.
Fototype, Incorporated, 1414 W. Roscoe St., Chicago 13, Ill.
○Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.

**ROUTING MACHINES AND BITS 2E18**
**2E18.2 Bits.**
**2E18.1 Machines.**

○American Steel Chase Co., 31-31 48th Ave., Long Island City 1, N. Y.—2E18.1.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.
Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.—2E18.1.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2E18.1, 2E18.2.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—2E18.1.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2E18.1, 2E18.2.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—2E18.1.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2E18.1.
○Gay-Lee Company, 71 W. Fourteen Mile Rd., Clawson, Mich.—2E18.2.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—2E18.1.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2E18.1.
○Korn, Henry P., Associated, Inc., 5 Beekman St., New York 38, N. Y.—2E18.1
○Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.—2E18.1, 2E18.2.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—2E18.1.
○North American Products Corp., 707 Bartley St., Jasper, Ind.—2E18.2.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.—2E18.1.
Pitman, Harold M., Co., 3229 S. 51st Ave., Cicero 50, Ill.—2E18.1, 2E18.2.
○Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.—2E18.1.
○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—2E18.1.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.—2E18.1, 2E18.2.
Tarpley, Geo., Co., P.O. Box 245, Chesterland, O.—2E18.2.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2E18.1.

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**SAWS AND SAW SHARPENERS 2E19**
**2E19.4 Band Saws.**
**2E19.1 Blades.**
**2E19.2 Saws.**
**2E19.3 Saw Sharpeners.**

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○American Wood Products & Tool Supply, 705 Montclaire Ave., Edwardsville, Ill.—2E19.1.
Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4 Ind.—2E19.1. Sharpening Service.
Brett Guard Co., Flatbush Indus. Terminal Bldg., 3611-14th Ave., Brooklyn 18, N. Y.—Saw guard.
Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis, Mo.—2E19.1.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2E19.1, 2E19.2, 2E19.4.
DoAll Company, The, 254 N. Laurel Ave., Des Plaines, Ill.—2E19.1, 2E19.2, 2E19.4.
Fastener Corporation, C. B. Nelson Co. Div., 3702 River Rd., Franklin Park, Ill. — 2E19.1, 2E19.2.
○Gay-Lee Company, 71 W. Fourteen Mile Rd., Clawson, Mich.—2E19.1.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—2E19.2.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2E19.1, 2E19.2, 2E19.3.
○Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.—2E19.2.
○North American Products Corp., 707 Bartley St., Jasper, Ind.—2E19.1.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.—2E19.1, 2E19.2, 2E19.4.
○Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.
Ralya Saw Corp., 109 W. Second St., Cincinnati 2, O.—2E19.1.
○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—2E19.2.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—2E19.2, 2E19.4.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.—2E19.2.
Saw and Knife Specialty Co., 6526 Carnegie Ave., Cleveland 3, O.
Sharp Tool Service Co., 5401 W. Lake St., Chicago 44, Ill.—2E19.2.
Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass.—2E19.2.
Starrett, L. S., Co., Crescent St., Athol, Mass.—2E19.1, 2E19.4.
Tesch Manufacturing Co., 2121 N. Drew St., Appleton, Wis.—2E19.2, 2E19.3.
Treyco Products Co., 149 Longmeadow Rd., Buffalo 26, N. Y.
Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.—2E19.2.
Wardwell Manufacturing Co., 3865 Ridge Rd., Cleveland 9, O.—2E19.3.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2E19.2.
Wescott & Thomson, 1027 Arch St., Philadelphia 5, Pa.—2E19.2.

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○Caprock Developments, 165 Broadway, New York 6, N. Y.

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**SHADING MACHINES**
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**SHADING SHEETS**
See under Supplies 2E22.

**SHEARS, PLATE**
See Guillotine Cutters 2E7.

**SHOOT BOARDS 2E20**
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.
Ostrander Seymour Co., The, 1710 N. 25th Ave. Melrose Park, Ill.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

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**STRIP FILM**
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○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Brown, W. A., Mfg. Co., 606 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.

Goodkin, The M. P., Co., Sub. Goodkin Mfg. Corp., 112-120 Arlington St., Newark 2, N. J.
Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.
Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.
Master Etching Machine Co., 125 Greenwood Ave., Wyncote, Pa.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.
Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.

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2E22.10 Masking Materials.
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2E22.3 Paper, Proofing.
2E22.4 Rubber Cement.
2E22.5 Shading Sheets.
2E22.8 Solder.

○Anchor Chemical Co., 827 Bergen St., Brooklyn 38, N. Y.—2E22.11.
○Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y. — 2E22.1, 2E22.6.
○Booth, E. A., Rubber Co., 2855 Scarborough Rd., Cleveland Heights 18, O.—2E22.4.
Bourges Color Corp., 80 Fifth Ave., New York 11, N. Y.—2E22.5.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
ByChrome Company, Inc., P.O. Box 1077, Columbus 16, O.—2E22.5.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2E22.1, 2E22.2, 2E22.3, 2E22.4, 2E22.5, 2E22.6, 2E22.7, 2E22.8, 2E22.9.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2E22.1, 2E22.4, 2E22.6.
Craftint Manufacturing Co., The, 1615 Collamer Ave., Cleveland 10, O.—2E22.5, 2E22.10.
Cramer Dry Plate & Film Co., The, 1835 Shenandoah Ave., St. Louis 4, Mo.—2E22.1, 2E22.3, 2E22.6.
Crocker, Burbank Papers, Inc., 545 Westminister St., Fitchburg, Mass.—2E22.2.
Di-Noc Chemical Arts, Inc., 1700 London Rd., Cleveland 12, O.—2E22.1, 2E22.6.
Dom, G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.—2E22.1, 2E22.2.
Durol Company, Inc., P.O. Box 335, New Paltz, N. Y. Staging ink.
Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y.
○Eastern Newspaper Supply Inc., 9603 Northern Blvd., Corona, 68, N. Y.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2E22.1, 2E22.3, 2E22.6.
Federated Metals Div., American Smelting and Refining Co., 120 Broadway, New York 5, N. Y.—2E22.8.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Gevaert Co. of America, Inc., The, 321 W. 54th St., New York 19, N. Y.—2E22.3, 2E22.6.
Goodrich, B. F., Industrial Products Co., Akron 18, O.—2E22.4.
Haloid Xerox, Inc., 2 Haloid St., Rochester, N. Y.—2E22.1, 2E22.2.
Howson, W. H., Div., R. W. Crabtree & Sons, Ltd., 629 Adelaide St., W., Toronto 3, Ont., Can.—2E22.1, 2E22.6.
Miami Valley Coated Paper Co., Oxford Rd., Franklin, O.—2E22.10.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Adhesive two side mounting film.
Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.—2E22.7.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—2E22.1, 2E22.2, 2E22.6.
Norman-Willets Graphic Supply Co., 316 W. Washington St., Chicago 6, Ill.
Permacel Incorporated, U. S. Highway No. 1, New Brunswick, N. J.—2E22.7.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Rogers Isinglass and Glue Co., 210 Eastern Ave., Gloucester, Mass.
Roth, David Z., & Co., 1235 Main Ave., Clifton, N. J.—2E22.1.
Simplex Specialty Co., Inc., 116 W. 14th St., New York 11, N. Y.
Star Cement Co., 190 Wyoming Ave., Maplewood, N. J. — 2E22.7.
Sullebarger, E. T., Co., Inc., 114 Liberty St., New York 6, N. Y.
Tintograph Company, 68 Jay St., Brooklyn 1, N. Y.—2E22.5.
Transiwrap Company, 2247 N. Clark St., Chicago 40, Ill.—2E22.2, 2E22.6.
Ulano Graphic Arts Supplies, Inc., 610 Dean St., Brooklyn 38, N. Y.—2E22.10.

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Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.

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2E24.1 Conventional.
2E24.2 Switch.
2E24.3 Degreasing.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.
○Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.—2E24.1, 2E24.2.
Miller-Trojan Company, Inc., 3 N. Ridge Ave., Troy, O.—2E24.1.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
U. S. Stoneware Co., Tallmadge Ave., Akron 9, O.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

**TIME CLOCKS, RECORDERS**
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**TINT LAYING MACHINES 2E25**
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.

**TOOLS 2E26**
**Brushes, Gravers, Soldering Irons, etc.**
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
○Hoe, R., & Co., 910 E. 138th St., New York 54, N. Y.
○Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa. Tee squares.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

**TRANSPARENCY VIEWER 2E27**
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.
Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.
○Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.
Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.

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**WASHINGTON-TYPE PROOF PRESSES**
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**WHIRLERS, PLATE**
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**WIPING CLOTHS**
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## Z

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***Printing Production* Filing System**

# 2F — Rubber Platemaking Index

**○Indicates advertiser. See Advertisers' Index, Pages B-C-D.**

## KEY FOR RUBBER PLATE MAKING INDEX

**2F1 Blocks for Engraving.**
**2F2 Engraving Tools.**
**2F3 Molding and Vulcanizing Equipment.**
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**2F6 Processes for the Trade.**
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**2F7 Rubber Plate Bases.**
**2F8 Supplies.**

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American Evatype Corp., 749 Osterman Ave., Deerfield, Ill.—2F3, 2F8.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2F3.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—2F7.
○Doven Division, Appleton Machine Co., 618 S. Oneida St., P.O. Box 468, Appleton, Wis.
Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.—2F4, 2F5, 2F6.
Electro-Copyst, Incorporated, 205 E. 42nd St., New York 17, N. Y.—2F3.
Goodrich, B. F., Chemical Co., Div. of The B. F. Goodrich Co., 3135 Euclid Ave., Cleveland 15, O.—2F4.
Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.—2F4.
○Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—2F1.
Harley, E. L., Inc., 8701 Third Ave., Brooklyn 9, N. Y.—2F9, 2F11.
Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.—2F4, 2F8.
Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.—2F3.
Lockwood Company, The, 125 N. Fifth St., Atchison, Kan.—2F7.
Minnesota Mining & Mfg. Co., 900 Bush St., St. Paul 6, Minn. Adhesive two side mounting film.
○Monomelt Company, Inc., The, 1611 N. E. Polk St., Minneapolis, Minn.—2F3, 2F4, 2F7, 2F8.
Mosstype Corporation, 150 Franklin Turnpike, Waldwick, N. J.—2F5, 2F9, 2F10.
Para-Flex Plate Corp., 21 E. 17th St., New York 3, N. Y.—2F2, 2F4, 2F5, 2F6.
Parazin Corporation, 208 Mill St., Rochester 4, N. Y.—2F4, 2F10.
○Pasadena Hydraulics, Inc., 1433 Lidcombe, El Monte, Calif.—2F3.
Payne, Ernest, Corp., 82 Beekman St., New York 38, N. Y.—2F3.
Permacel Incorporated, U. S. Highway No. 1, New Brunswick, N. J.—2F8.
Pioneer Rubber Engraving Co., 21 E. 17th St., New York 3, N. Y.—2F5.
Potdevin Machine Co., 297 North St., Teterboro, N. J.—2F3.
○Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.—2F7.
Process Color Plate Co., 1200 W. Monroe St., Chicago 7, Ill.—2F5.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—2F3, 2F9, 2F11.
Quality Engraving & Electrotype Co., 436 Commercial Sq., Cincinnati 2, O.—2F5.
Reilly Electrotype Co., Div. of Electrographic Corporation, 305 E. 45th St., New York 17, N. Y.—2F5.
○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—2F2.
Schweizer, Chas. K., Co., 2B1 Russell Ave., St. Louis 4, Mo.—2F3, 2F5.
Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.—2F4, 2F8.
Studebaker Hydraulic Products Co., 1733 N. 33rd Ave., Melrose Park, Ill.—2F3.
Ti-Pi Company, 1000 Broadway, Kansas City 5, Mo.—2F2, 2F4, 2F8.
Westcott & Thomson, Inc., 1627 Arch St., Philadelphia 5, Pa.—2F5.
○Williamson & Company, Inc., P.O. Box 71, Caldwell, N. J.—2F3, 2F4, 2F11.
Wilsolite Corporation, 1827 Niagara St., Buffalo 7, N. Y.—2F4.
○Wood Flong Corp., Davis St., Hoosick Falls, N. Y.—2F4.

***Printing Production* Filing System**

# 2G — Stereotype Department Index

**HOW TO USE THIS INDEX**—This Stereotype Department Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

## KEY FOR STEREOTYPE DEPARTMENT INDEX

**2G1 Adhesives**
- 2G1.1 Cut Cement
- 2G1.2 Paste Materials

**2G2 Beveling Machines**

**2G3 Blankets (Molding)**
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- 2G3.2 Fabric
- 2G3.3 Fibre
- 2G3.4 Rubber
- 2G3.5 Rubber Creeper

**2G41 Boiler or Scale Cleaning Compounds**

**2G4 Boilers**

**2G5 Cabinets**

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- 2G6.1 Curved
- 2G6.2 Flat Plate
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**2G7 Casting Machines**

**2G9 Cooling Tables**

**2G8 Correcting Machines**

**2G10 Direct Pressure Matrix Presses**

**2G11 Finishing Equipment, Commercial**

**2G12 Formers, Pre-shrinkers and Scorchers**
- 2G12.1 Formers
- 2G12.3 Pre-shrinkers
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**2G13 Furnaces and Tools**

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○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.
American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.—2G1.2.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y.—2G1.1, 2G1.2.
○Booth, E. A., Rubber Co., 2855 Scarborough Rd., Cleveland Heights 18, O.—2G1.1.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.—2G1.1.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.
Green's Paste Works, 200 Liverpool Rd., Liverpool, N. Y.
Lox Manufacturing Co., 3310 E. 31st St., Kansas City 28, Mo.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Adhesive two side mounting film.
Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.
Star Cement Co., 190 Wyoming Ave., Maplewood, N. J.—2G1.1.
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Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
Royle, John & Sons, 10 Essex St., Paterson 3, N. J.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

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Best, Edward H., & Co., 210 Lincoln St., Boston 5, Mass.—2G3.2.
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○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y. —2G3.1, 2G3.2, 2G3.3, 2G3.4, 2G3.5.
Coyne & Paddock, Inc., 40-09—21st St., Long Island City 1, N. Y.—2G3.1, 2G3.3, 2G3.4, 2G3.5.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.—2G3.1, 2G3.2.
Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.—2G3.4, 2G3.5.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2G3.1, 2G3.2, 2G3.3, 2G3.4, 2G3.5.
House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y.—2G3.2.
McHugh, J. Thomas, Co., 31 E. Georgia St., Indianapolis 4, Ind.—2G3.4.
○Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.
New England Newspaper Supply Co., 164 Fremont St., Worcester 3, Mass.—2G3.1, 2G3.2, 2G3.3, 2G3.5.
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Equipto, 401 S. Highland, Aurora, Ill.
○Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
○Hansen Metal Products Co., 7171 W. Bloomingdale Ave., Chicago 35, Ill.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Penco Division, Alan Wood Steel Co., Oaks, Pa.
Petersen Manufacturing Co., 15 Sebago St., Clifton, N. J.
S & M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif.
Thompson Cabinet Co., Laura St., Ludington, Mich.

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Electric Heating Co., 8616 Madison Ave., South Gate, Calif.—2G6.1.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2G6.1, 2G6.2, 2G6.3.
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○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—2G6.2.
Hartnett, R. W., Co., 1025 Cherry St., Philadelphia 7, Pa.—2G6.3.
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○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
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○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
International Newspaper Supply Corp., 1639 N. Lorel Ave., Chicago 39, Ill. Electric metal pump.
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

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○Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.
○Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.

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○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
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Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.
○Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.

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Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St., W., Toronto 1, Ontario, Can.—2G12.1.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.—2G12.3.
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○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2G12.3.
Industron Corporation, 55 Needham St., Newton Highlands 61, Mass.—2G12.3.
○Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.—2G12.2.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—2G12.3.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
○Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.—2G12.2.
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.—2G12.1, 2G12.2.
Stereotex Company, The, Newburyport, Mass.—2G12.1, 2G12.3.
Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.—2G12.3.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.
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○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.
Kemp, The C. M., Mfg. Co., 405 E. Oliver St., Baltimore 2, Md.
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Pittsburgh White Metals Co., 284 Hamilton Ave., Brooklyn 31, N. Y.
Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.
Surface Combustion Corp., 2375 Dorr St., Toledo 1, O.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

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○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—2G14.5.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2G14.2.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2G14.2.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.—2G14.2.
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Pittsburgh White Metal Co., 284 Hamilton Ave., Brooklyn 31, N. Y.—2G14.5.
Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.—2G14.4.
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Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—2G14.7.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—2G14.4, 2G14.5.
Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.

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**Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.**
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**Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.**
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Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
**Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.**
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.
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Bache, Semon & Co., 636 Greenwich St., New York 14, N. Y.
Bausch & Lomb Optical Co., 651 St. Paul St., Rochester 2, N. Y.
Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
Gaebel, Arthur H., Inc., P. O. Box 3, Larchmont, N. Y.
Mark Specialty Co., 183 St. Paul St., Rochester 4, N. Y.
Ortleb Machinery Co., 3818 Laclede Ave., St. Louis 8, Mo.
Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.
Zeiss, Carl, Inc., 485 Fifth Ave., New York 17, N. Y.

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Coes Knife Co., 72 Coes St., Worcester 3, Mass.
Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
**Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.**
Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.
Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.
United Stereotype Supply Corp., P. O. Box 38, West Lynn, Mass.
Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

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American Pubilshers Supply Inc., P.O. Box 421, Lynnfield, Mass.
Beveridge Paper Co., New Products Div., 705 W. Washington St., Indianapolis 4, Ind. —2G18.1, 2G18.6.
Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.—2G18.1, 2G18.3, 2G18.4, 2G18.5, 2G18.6.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2G18.1, 2G18.2, 2G18.3, 2G18.4, 2G18.5.
**Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.—2G18.1, 2G18.3, 2G18.4, 2G18.5.**
Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle N. Y.—2G18.1, 2G18.2, 2G18.4, 2G18.5.
**Eastern Newspaper Supply, Inc.,** 9603 Northern Blvd., Corona, 68, N. Y.—2G18.2.
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Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.
Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill.—2G18.6.
Wood Flong Corp., Davis St., Hoosick Falls, N. Y.—2G18.1, 2G18.3, 2G18.4, 2G18.5, 2G18.6.
Wyomissing Paper Products, Div. Narrow Fabric Co., 19 S. Second Ave., West Reading, Pa.—2G18.4.

**MELTING DEVICES FOR METAL**
**See Metal Melting Devices 2G21.**

**METAL AND METAL FLUX 2G20**
Federated Metals Div., American Smelting and Refining Co., 120 Broadway, New York 5, N. Y.
**Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.**
National Lead Co., 111 Broadway, New York 6, N. Y.
Pittsburgh White Metal Co., 284 Hamilton Ave., Brooklyn 31, N. Y.
Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

**METAL CONTROL, ELECTRIC EYE**
**See under Metal Temperature Controls 2G22.**

**METAL MELTING DEVICES 2G21**
**2G21.1 Coal.**
**2G21.2 Immersion, Electric.**
**2G21.3 Immersion, Gas.**
**2G21.4 Oil.**
Acme Electric Heating Co., 1217 Washington St., Boston 18, Mass.—2G21.2.
American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.
**Electric Heating Co., 8616 Madison Ave., Southgate, Calif.—2G21.2, 2G21.3.**
General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.—2G21.2.
**Hammond Machinery Builders,** Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.
**Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.**
Kemp, The C. M., Mfg. Co., 405 E. Oliver St., Baltimore 2, Md.—2G21.3.
Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Selas Corp. of America, Dresher, Pa.—2G21.3.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.
Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.
**Wood Newspaper Machinery Corp.,** 658 S. Second St., Plainfield, N. J.

**METAL TEMPERATURE CONTROLS 2G22**
**2G22.1 Electric Eye.**
**2G22.2 Pyrometers.**
**2G22.3 Thermometers.**
Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—2G22.2, 2G22.3.
Electric Heating Co., 8616 Madison Ave., South Gate, Calif.
**Fenwall, Incorporated, Pleasant St., Ashland, Mass.—2G22.3.**
General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2G22.2.
**Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2G22.2, 2G22.3.**
**Illinois Testing Laboratories, Inc., 420 N. LaSalle St., Chicago 10, Ill.—2G22.2.**
Partlow Corporation, 2 Campion Road, New Hartford, N. Y.
Potdevin Machine Co., 297 North St., Teterboro, N. J.—2G22.1.
Precision Thermometer & Instrument Co., 1434 Brandywine St., Philadelphia 30, Pa.—2G22.3.
Pyrometer Instrument Co., Inc., 92 Portland St., Bergenfield, N. J. —2G22.2, 2G22.3.
Taylor Instrument Companies, 95 Ames St., Rochester 1, N. Y.—2G22.3.
Tork Time Controls, Inc., 52 McQuesten Parkway, Mt. Vernon, N. Y.
**United Stereotype Supply Corp.,** P.O. Box 38, West Lynn, Mass. —2G22.3.
Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—2G22.2, 2G22.3.

**MILLING MACHINES FOR PLATES**
**See Plate Shavers and Boring Machines 2G27.**

**MOISTENERS 2G23**
Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.

**MORTISING MACHINERY**
**See Jig Saws and Drills 2G16.**

**MOTORS AND CONTROLS 2G34**
Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.
General Electric Co., Apparatus Sales Div., One River Road, Schenectady 5, N. Y.
**Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.**
Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.
Tri-Par Controls, 9353 Seymour Ave., Schiller Park, Ill.
U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

**MOUNTING MATERIALS**
See Photoengraving 2E1.

## O

**OIL METAL MELTING DEVICES**
**See under Metal Melting Devices 2G21.**

## P

**PACKING STRIPS**
**See under Supplies 2G34.**

**PAPERS, MATRIX**
**See Mats and Matrix Papers 2G18.**

**PARTING POWDER**
**See under Supplies 2G34.**

**PASTE MATERIALS**
**See under Adhesives 2G1.**

**PHOTO-ELECTRIC METAL CONTROL**
**See under Metal Temperature Controls 2G22.**

**PLANERS FOR PLATES**
**See Plate Shavers, Boring Machines and Planers 2G27.**

**PLASTIC MATS**
**See under Mats and Matrix Papers 2G18.**

**PLATE BEVELERS**
**See Beveling Machines 2G2.**

**PLATE CONVEYORS AND DROPS 2G26**
Gifford-Wood Company, One Hudson Ave., Hudson, N. Y.
Jampol Corporation, The, 728—61st St., Brooklyn 20, N. Y.
Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.
Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

**PLATE CORRECTING MACHINES**
**See Correcting Machines 2G8.**

**PLATE GAUGES**
**See under Gauges and Testing Instruments 2G14.**

**PLATE MOUNTING EQUIPMENT 2G38**
**American Type Founders, Inc., 200** Elmora Ave., Elizabeth, N. J.
Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.
Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.
Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.
Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.
Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

**PLATE PLANERS**
See under Plate Shavers and Boring Machines 2G27.

**PLATE PRE-MAKEREADY 2G42**
Bishop Stansell Co., P.O. Box 35, W. Carrollton, O.
Lake Shore Electrotype Div., Electographic Corp., 1224 W. Van Buren St., Chicago 7, Ill.
Reilly Electrotype Co., Div. of Electrographic Corporation, 305 E. 45th St., New York 17, N. Y. —2G42.

**PLATE ROUTERS**
See Routing Machines 2G31.

**PLATE SHAVERS, BORING MACHINES AND PLANERS 2G27**
2G27.1 Curved.
2G27.2 Flat.
○Carlson, Chesley F., Co., 2240 Edgewood Ave., Minneapolis 26, Minn.—2G27.2.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—2G27.1, 2G27.2.
Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St. W., Toronto 1, Ontario, Can.—2G27.1, 2G27.2.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2G27.1, 2G27.2.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.
Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.—2G27.1.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.—2G27.2.
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
○Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.
○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.—2G27.2.
Stereotex Company, The, Newburyport, Mass.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2G27.1, 2G27.2.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

**PLATE STRAIGHTENING MACHINES**
See Correcting Machines 2G8.

**PLATE TRUCKS**
See under Trucks 2G37.

**PLATING EQUIPMENT 2G28**
Hanson, Van Winkle, Munning Co., 100 Church St., Matawan, N. J.
Munning & Munning, Inc., 262 Emmet St., Newark 5, N. J.
Process Engineering Co., 6435 N. Central Ave., Chicago 46, Ill.

**POWDER, PARTING**
See under Supplies 2G34.

**PRESSES, DIRECT PRESSURE**
See Direct Pressure Matrix Presses 2G10.

**PYROMETERS**
See under Metal Temperature Controls 2G22.

## R

**REDUCING GLASSES**
See Magnifying and Reducing Glasses 2G17.

**REFORMING MACHINES 2G39**
Bishop Stansell Co., P.O. Box 35, W. Carrollton, O.
Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.

**REGISTER DEVICE FOR COLOR PLATES 2G29**
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

**REMELTING TOOLS**
See Furnaces and Tools 2G13.

**ROASTERS FOR MATS**
See Formers and Scorchers 2G12.

**ROLLERS, MAT 2G30**
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.
Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.

**ROUTING MACHINES AND BITS 2G31**
2G31.2 Bits.
2G31.1 Machines.
2G31.3 Shell Plate Finisher.
○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass. —2G31.1, 2G31.2.
○American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.—2G31.1.
Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.—2G31.1.
○Carlson, Chesley F., Co., 2240 Edgewood Ave., Minneapolis 26, Minn.—2G31.3.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—2G31.1.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—2G31.1
Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St. W., Toronto 1, Ontario, Can.—2G31.1.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.—2G31.1, 2G31.2.
○Gay-Lee Company, 71 W. Fourteen Mile Rd., Clawson, Mich. —2G31.2.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—2G31.1.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—2G31.1.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2G31.1.
○Korn, Henry P., Associated, Inc., 5 Beekman St., New York 38, N. Y.—2G31.1.
○Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.
○Morrison Co., The, 125 W. Melvina St., Milwaukee 12, Wis.—2G31.1.
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.—2G31.1, 2G31.2.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—2G31.1.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.—2G31.1.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.—2G31.1.
○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich. —2G31.1.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.—2G31.1, 2G31.2.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.—2G31.1.
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.—2G31.1.
Tarpley, Geo., Co., P.O. Box 245, Chesterland, O.—2G31.2.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2G31.1.

**RUBBER BLANKETS**
See under Blankets 2G3.

**RUBBER CREEPERS**
See under Blankets 2G3.

## S

**SAFETY CANS**
See Composing Room 1Y.

**SAWING AND TRIMMING MACHINERY 2G32**
2G32.1 Band Saws.
2G32.3 Saw Blades.
2G32.2 Saws.
2G32.4 Trimmers.
○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J. —2G32.2, 2G32.3.
American Wood Products & Tool Supply, 705 Montclaire Ave. Edwardsville, Ill.—2G32.3.
Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.—2G32.3.
Brett Guard Co., Flatbush Indus. Terminal Bldg., 3611-14th Ave., Brooklyn 18, N. Y. Saw guard.
Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis 10, Mo.—2G32.2, 2G32.3.
Coes Knife Co., 72 Coes St., Worcester 3, Mass.
DoAll Company, The, 254 N. Laurel Ave., Des Plaines, Ill.—2G32.1, 2G32.2, 2G32.3.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
Fastener Corporation, C. B. Nelson Co. Div., 3702 River Rd., Franklin Park, Ill. — 2G32.2, 2G32.3, 2G32.4.
○Gay-Lee Company, 71 W. Fourteen Mile Rd., Clawson, Mich. —2G32.3.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2G32.2, 2G32.4.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2G32.2.
○Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.
○Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis. —2G32.2, 2G32.4.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—2G32.2.
○North American Products Corp., 707 Bartley St., Jasper, Ind.—2G32.3.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.—2G32.4.
○Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.
Ralya Saw Corp., 109 W. Second St., Cincinnati 2, O.—2G32.3.
○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—2G32.1.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.
Saw and Knife Specialty Co., 6526 Carnegie Ave., Cleveland 3, O.
Sharp Tool Service Co., 5401 W. Lake St., Chicago 44, Ill.—2G32.2.
Simonds Saw & Steel Co., 470 Main St., Fitchburg, Mass.—2G32.2.
Starrett, L. S., Co., Crescent St., Athol, Mass.—2G32.1, 2G32.3.
Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.—2G32.2.
Tesch Manufacturing Co., 2121 N. Drew St., Appleton, Wis.—2G32.4.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2G32.2, 2G32.4.
Wescott & Thomson, Inc., 1027 Arch St., Philadelphia 5, Pa.—2G32.2, 2G32.4.

**SAW SHARPENING MACHINES**
See Composing Room 1Z.

**SAW SWAGING MACHINES**
See Composing Room 1Z.

**SCORCHERS**
See Formers and Scorchers 2G12.

**SHARPENING MACHINES FOR SAWS**
See Saws, Planers, Saw Sharpeners 1Z.

**SHAVERS, PLATE**
See under Plate Shavers and Boring Machines 2G27.

**SHEARS FOR MATS**
See Mat Trimmers 2G19.

**STEAM TABLES 2G33**
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.

**STEREOTYPE CHASES**
See Chases, Quoins and Lockup Devices 1F.

**STEREOTYPE METAL**
See Metal and Metal Flux 2G20.

**STRIPS FOR PACKING**
See under Supplies 2G34.

**SUPPLIES 2G34**
2G34.1 Gummed Tape.
2G34.2 Packing Strips.
2G34.3 Parting Powder.
○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass. —2G34.1, 2G34.2.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2G34.1, 2G34.2, 2G34.3.
○Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y. —2G34.1, 2G34.2.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—2G34.1, 2G34.2.
Dom, G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O.—2G34.1, 2G34.2, 2G34.3.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
Irwin Manufacturing Co., Inc., Main St., Garland, Pa. Basswood blocks.
○Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.
New England Newspaper Supply Co., 164 Fremont St., Worcester 3, Mass.—2G34.2.
○Star Cement Co., 190 Wyoming Ave., Maplewood, N. J.—2G34.1.
Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.
United Stereotype Supply Co., P.O. Box 38, West Lynn, Mass. —2G34.2.
○Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

**SYNDICATE MATS**
See under Mats and Matrix Papers 2G18.

## T

**TABLES, COOLING**
See Cooling Tables 2G9.

**TABLES, STEAM**
See Steam Tables 2G33.

**TAPE, GUMMED**
See under Supplies 2G34.

**TEMPERATURE INDICATORS**
See under Metal Temperature Controls 2G22.

**THERMOMETERS**
See under Metal Temperature Controls 2G22.

**TIME CLOCKS, RECORDERS**
See Miscellaneous 8J.

**TISSUE FOR MATRIX**
See under Mats and Matrix Papers 2G18.

**TOOLS 2G35**

○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.

Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.

○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.

○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.

New England Newspaper Supply Co., 164 Fremont St., Worcester 3, Mass.

○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

**TOOL GRINDING 2G36**

○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

**TRIMMERS FOR MATS**
See Mat Trimmers 2G19.

**TRIMMERS FOR SAWS**
See under Sawing and Trimming Machinery 2G32.

**TRIMMING AND SAWING MACHINERY**
See under Sawing and Trimming Machinery 2G32.

**TRUCKS 2G37**
2G37.1 Form.
2G37.3 Lift.
2G37.2 Plate.

○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.

Electric Heating Co., 8616 Madison Ave., South Gate, Calif.—2G37.3.

○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2G37.1.

Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—2G37.3.

Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.—2G37.3.

Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.—2G37.3.

○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—2G37.1, 2G37.2.

Revolvator Company, Tonnele Ave., North Bergen, N. J.—2G37.3.

○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.—2G37.1, 2G37.2, 2G37.3.

Thompson Cabinet Co., Laura St., Ludington, Mich. — 2G37.1, 2G37.2.

Webb Machine Works, 1252 Dalzell St., Shreveport, La.—2G37.2.

○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2G37.1.

**TYPE HIGH GAUGES**
See under Gauges and Testing Instruments 2G14.

## V

**VACUUM CASTING BOXES**
See under Casting Boxes 2G4.

## W

**WET MATS**
See under Mats and Matrix Papers 2G18.

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*Printing Production* Filing System

# 2H — Plastic Platemaking Index

**HOW TO USE THIS INDEX**—This Plastic Platemaking Index is comprised of two parts. At left is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

○ Indicates advertiser. See Advertisers' Index, Pages B-C-D.

## KEY FOR PLASTIC PLATEMAKING INDEX

**2H4 Ameripol.**
**2H6 Chemigum.**
**2H2 Geon.**
**2H5 Koroseal.**
**2H8 Plate Molding Equipment.**
**2H3 Resinous Matrices.**
**2H7 Vinylite.**

**2H4 Ameripol.**

Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.

Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.

**2H6 Chemigum.**

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass. Synthetic rubber and cement for making hand stamps and rubber plates.

**2H2 Geon**

Goodrich, B. F., Chemical Co., Div. of B. F. Goodrich Co., 3135 Euclid Ave., Cleveland 15, O.

**2H5 Koroseal.**

Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.

**2H8 Plate Molding Equipment.**

American Evatype Corp., 749 Osterman Ave., Deerfield, Ill.

Electro-Copyst, Incorporated, 205 E. 42nd St., New York 17, N. Y.

Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.

○Monomelt Company, Inc., The, 1611 Polk St., N. E., Minneapolis 13, Minn.

○Pasadena Hydraulics, Inc., 1433 Lidcombe, El Monte, Calif.

Studebaker Hydraulic Products Co., 1733 N. 33rd Ave., Melrose Park, Ill.

○Williamson & Company, Inc., P.O. Box 71, Caldwell, N. J.

**2H3 Resinous Matrices.**

Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.

○Monomelt Company, Inc., The, 1611 Polk St., N. E., Minneapolis 13, Minn.

Wilsolite Corporation, 1827 Niagara St., Buffalo 7, N. Y.

**2H7 Vinylite.**

○Monomelt Company, Inc., The, 1611 Polk St., N. E., Minneapolis 13, Minn.

***Printing Production* Filing System**

# 3—Paper and Printing Stock Index

## Paper Trade Name Index

**(Companies listed are manufacturers, suppliers and dealers indiscriminately)**

**In compiling this index PRINTING PRODUCTION has exercised every precaution to see that all names and addresses published in this index are correct according to the information furnished. For this reason, we cannot be responsible for errors or omissions.**

In this *Paper Trade Name Index,* the Paper Company names and addresses are listed in alphabetical order. Each alphabetical section of the listing is headed with a bold face capital letter.

Preceding the company names are bold face numbers (1 through 124). These bold face numbers identify the company names. For example: **62**—Mead Papers, Inc., etc., means that the bold face number **62** always represents Mead Papers, Inc.

Following each company name will be found one or more combination figure-and-letter symbols which represent the kinds of paper stock listed in this index. Example: **62**— Mead Papers, Inc., 118 W. First St., Dayton 2, O.—3B, 3D, 3E, 3F, 3J, 3K, 3L, 3Q, 3S, 3U, 3V, 3AA, 3BB, 3HH.

### PAPER TRADE NAME INDEX

The Trade Names are listed in alphabetical sequence. Each alphabetical section is headed with a bold face capital letter. Preceding the Trade Names are bold face numbers. These bold face numbers identify the company distributing paper under that individual Trade Name.

Following each Trade Name will be found one or more combination figure-and-letter symbols which represent the kinds of paper stock produced under that Trade Name. These symbols are explained in the accompanying *Key for Paper and Printing Stock Index.*

To illustrate how the system works, we will assume that you wish to determine the source of supply for Innovation brand. Referring to this name in the alphabetically arranged *Paper Trade Name Index,* the reference is as follows:

**62**—Innovation—3F.

The bold face **62** represents Mead Papers, Inc., as will be found in the alphabetical listing of company names. This company is the source of supply. The light face 3F refers to the kind of paper produced under the Innovation Trade Name. By referring to the *Key for Paper and Printing Stock Index,* we find this is a Bristol paper.

## KEY FOR PAPER AND PRINTING STOCK INDEX

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 3A | Binders Board | 3K | Coated Paper | 3BB | Mimeograph | 3JJ | Pressure Sensitive |
| 3B | Blanks | 3L | Cover | 3P | Newsprint | 3U | Rotogravure |
| 3C | Blotting | 3HH | Duplicator | 3Q | Offset | 3V | Specialty |
| 3D | Bond and Ledger | 3AA | Envelope | 3LL | Onion Skin | 3W | Stereotype |
| 3E | Book | 3M | Gummed | 3R | Parchment | 3X | Tag |
| 3F | Bristol | 3Z | Kraft | 3G | Plastic | 3KK | Tape (Pressure sensitive) |
| 3H | Acetate | 3FF | Mailing | 3CC | Plastic Coated | 3EE | Tissue |
| 3MM | Carbon | 3GG | Manifold | 3S | Postcard | 3Y | Tympan |
| 3J | Coated Board | 3N | Manila | 3T | Press Board | | |
| | | 3DD | Metallic or Foil | | | | |

## COMPANY NAMES WITH KEYS FOR PAPER AND PRINTING STOCK

### A

**1**—Aetna Paper Co. Div., Howard Paper Mills, Inc., 115 Columbia St., Dayton, O.—3D, 3E, 3V, 3HH.

**122**—Aluminum Co. of America, 1501 Alcoa Bldg., Pittsburgh 19, Pa.—3DD.

**120**—American Tape Co., 4058 Beaufait Ave., Detroit 7, Mich.—3KK.

**4**—American Writing Paper Corp., 10 Eagle-A Ave., Holyoke, Mass.—3D, 3E, 3F, 3L, 3Q, 3S, 3V, 3BB, 3GG.

**5**—Appleton Coated Paper Co., 1200 N. Meade St., Appleton, Wis.—3D, 3E, 3F, 3J, 3K, 3L, 3Q, 3S, 3V, 3X, 3Z, 3DD.

### B

○**10**—Beveridge Paper Co., New Products Div., 705 W. Washington St., Indianapolis 4, Ind.—3B, 3F, 3J, 3V.

**116**—Brown, L. L. Paper Co., Commercial St., Adams, Mass.—3D, 3F, 3L, 3R, 3V, 3AA, 3GG.

**11**—Brown-Bridge Mills, Inc., E. Water St., Troy, O.—3M, 3V.

### C

**14**—Cantine, Martin, Co., Saugerties, N. Y.—3K, 3Q, 3V.

**18**—Champion Paper & Fibre Co., The, 601 North B. St., Hamilton, O.—3D, 3E, 3F, 3K, 3L, 3Q, 3S, 3T, 3V, 3X, 3AA, 3BB.

**19**—Chemical Fine Paper & Board Div., Standard Packaging Corp., 642 Main St., Holyoke, Mass.—3D, 3E, 3F, 3J, 3L, 3R, 3V, 3GG, 3LL.

**22**—Consolidated Water Power & Paper Co., Box 50, Wisconsin Rapids, Wis.—3E, 3K, 3L, 3Q, 3U.

○**121**—Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—3N, 3KK, 3W, 3Y.

**24**—Crocker, Burbank Papers, Inc., 545 Westminster St., Fitchburg, Mass.—3E, 3K, 3Q, 3U, 3V.

**25**—Crocker-McElwain Co., Div. Chemical Paper Mfg. Corp., Holyoke, Mass.—3D, 3E, 3F, 3G, 3V, 3R, 3Q.

**26**—Cromwell Paper Co., The, 180 N. Wabash, Chicago 1, Ill.; 1000 Nottingham Way, Trenton, N. J.—3Y.

**124**—Curtis Paper Co., Newark, Del.—3E, 3L, 3V.

### D

**31**—Dayton Envelope Co., Div. Howard Paper Mills, Inc., 115 Columbia St., Dayton 7, O.—3AA.

**27**—Dennison Manufacturing Co., 300 Howard St., Framingham, Mass.—3M, 3X.

### E

**32**—Ecusta Paper Div., Olin Mathieson Chemical Corp., Pisgah Forest, N. C.—3D, 3E, 3V, 3EE.

**33**—Esleeck Manufacturing Co., Canal St., Turners Falls, Mass.—3V, 3GG, 3LL.

### F

**47**—Fasson Products, 250 Chester St., Painesville, O.—3JJ.

**35**—Fox River Paper Corp., 401 S. Appleton St., Appleton, Wis.—3D, 3E, 3F, 3V, 3LL.

**36**—Fraser Paper, Ltd., 420 Lexington Ave., New York 17, N. Y.—3D, 3K, 3Q, 3U, 3V, 3AA, 3BB, 3GG, 3HH.

### G

**38**—Gilbert Paper Co., 330 Ahnaip St., Menasha, Wis.—3D, 3F, 3L, 3V.

### H

**42**—Hammermill Paper Co., 1472 E. Lake Rd., Erie 6, Pa.—3D, 3E, 3F, 3L, 3Q, 3S, 3V, 3AA, 3BB, 3CC, 3HH.

**40**—Howard Paper Co. Div., Howard Paper Mills, Inc., Urbana, O.—3D, 3V, 3BB, 3HH.

### I

**48**—International Paper Co., 220 E. 42nd St., New York 17, N. Y.—3D, 3E, 3F, 3N, 3P, 3Q, 3S, 3U, 3X, 3BB, 3GG, 3HH.

### K

**51**—KVP Company, The, Kalamazoo, Mich.—3D, 3Q, 3R, 3GG.

○**53**—Kimberly-Clark Corp., Neenah, Wis.—3D, 3E, 3F, 3G, 3K, 3L, 3Q, 3U, 3V, 3BB, 3HH, 3LL.

**117**—Kleen-Stik Products, Inc., 7300 W. Wilson Ave., Chicago, Ill.—3DD, 3JJ.

### L

**56**—Link Paper Co., 45 Cedar Lane, Englewood, N. J.—3V.

**57**—Linton Bros. & Co., Inc., 545 Westminster St., Fitchburg, Mass.—3B, 3F, 3X.

**58**—Ludlow Papers, Inc., Fine Papers Div., Brookfield, Mass.—3M, 3DD.

## M

**60—Maxwell Paper Co. Div., Howard Paper Mills, Inc., Franklin, O.—3D, 3Q, 3V, 3BB, 3HH.**

**62—Mead Papers, Inc., 118 W. First St., Dayton 2, O.—3B, 3D, 3E, 3F, 3J, 3K, 3L, 3Q, 3S, 3U, 3V, 3AA, 3BB, 3HH.**

**63—Miami Valley Coated Paper Co., Oxford Rd., Franklin, O.—3D, 3E, 3F, 3J, 3K, 3L, 3P, 3S, 3V, 3X, 3AA, 3CC, 3DD, 3HH.**

**65—Mid-States Gummed Paper Div. of Minnesota Mining & Mfg. Co., 6850 S. Harlem Ave., Bedford Park, Ill.—3M, 3V.**

**68—Mitchell-Rand Insulation Co., 51 Murray St., New York, N. Y.—3Y.**

**2—Morgan Adhesives Co., 4560 Darrow Rd., Stow, O.—3JJ.**

**70—Munising Paper Co., The, Div. Kimberly-Clark Corp., Munising, Mich.—3D, 3E, 3G, 3Q, 3V, 3BB, 3CC, 3HH.**

## N

**71—Nashua Corporation, 44 Franklin St., Nashua, N. H.—3M, 3U, 3V, 3CC, 3DD, 3JJ, 3KK.**

**123—Nashua Package Sealing Div., Nashua Corporation, 44 Frank St., Nashua, N. H.—3M, 3DD.**

**73—Neenah Paper Co., Neenah, Wis.—3D, 3F, 3V, 3LL.**

**74—Nekoosa-Edwards Paper Co., Port Edwards, Wis.—3D, 3Q, 3V, 3BB, 3GG, 3HH.**

**72—New York & Pennsylvania Co., 425 Park Ave., New York 17, N. Y.—3D, 3E, 3K, 3Q, 3U, 3AA, 3BB, 3HH.**

**75—Northwest Paper Co., Cloquet, Minn.—3D, 3E, 3F, 3L, 3Q, 3S, 3V, 3AA, 3BB, 3HH.**

## O

**76—Oxford Paper Co., 235 Park Ave., New York 17, N. Y.—3E, 3K, 3Q, 3U, 3V, 3BB, 3HH.**

## P

**77—Paper Manufacturers Co., 9800 Bustleton Ave., Philadelphia 15, Pa.—3M, 3V, 3DD, 3FF.**

**78—Parker, Joseph, & Son Co., Inc., 1155 Whalley Ave., New Haven 15, Conn.—3C.**

**80—Paterson Parchment Paper Co., Bristol, Pa.—3R, 3V, 3Y.**

**118—Paterson Pacific Parchment Co., 1400 Kifer Rd., Sunnyvale, Calif.—3R, 3V.**

**84—Port Huron Sulphite & Paper Co., Washington Ave., Port Huron, Mich.—3D, 3V, 3EE, 3GG, 3MM.**

**85—Price Brothers & Co., Ltd., Quebec City, Quebec, Canada—3P.**

## R

**89—Riegel Paper Corp., 260 Madison Ave., New York 16, N. Y.—3F, 3J, 3K, 3L, 3T, 3V, 3X, 3Y, 3Z, 3AA, 3CC.**

## S

**94—Strathmore Paper Co., Front St., West Springfield, Mass.—3D, 3E, 3F, 3L, 3Q, 3R, 3V.**

## T

**95—Tileston & Hollingsworth, 211 Congress St., Boston 10, Mass.—3D, 3E, 3F, 3L, 3Q, 3BB.**

**96—Transilwrap Company, 4427 N. Clark St., Chicago 40, Ill.—3G.**

## V

**99—Valley Paper Co., Holyoke, Mass.—3D, 3V, 3LL.**

## W

**100—Warren, S. D., Co., 89 Broad St., Boston, Mass. Central Mill, 2400 Lake Shore Dr., Muskegon, Mich.—3E, 3J, 3K, 3L, 3Q, 3S, 3V.**

**101—Watervliet Paper Co., Div. of Hammermill Paper Co., Watervliet, Mich.—3E, 3K, 3Q, 3V.**

**102—Western States Envelope Co., 1616 W. Pierce St., Milwaukee 46, Wis.—3AA.**

**○104—West Virginia Pulp and Paper Co., 230 Park Ave., New York 17, N. Y.—3D, 3E, 3F, 3J, 3K, 3L, 3Q, 3S, 3T, 3U, 3V, 3X, 3Z, 3AA, 3BB, 3HH.**

**105—Wheelwright Div., Mead Papers, Inc., Leominster, Mass.—3B, 3F, 3L.**

**107—Whiting - Plover Paper Co., Stevens Point, Wis.—3D, 3L, 3R, 3V, 3LL.**

# PAPER TRADE NAME INDEX

## A

**4—Acceptance—3D, 3F.**
**57—Accountants—3F.**
**48—Adirondack—3D.**
**116—Advance—3D.**
**4—Agawam—3D, 3F, 3V.**
**27—Air Conditioned—3M.**
**122—ALCOA—3DD.**
**94—Alexandra—3E, 3D, 3L.**
**38—Allegro—3V.**
**18—All Purpose—3K.**
**11—Amity—3M.**
**35—Anniversary—3D, 3V.**
**5—Apco—3F, 3L.**
**5—Appleton—3F, 3J, 3K, 3X.**
**24—Arabesque Opaque—3E, 3Q.**
**107—Artesian—3D.**
**74—Ardor—3D, 3BB, 3GG, 3HH.**
**18—Ariel—3D, 3L.**
**102—Arrowhead—3AA.**
**24—Art Gloss—3K.**
**24—Art Mat—3K.**
**94—Art Parchment—3R.**
**14—AshoKan—3K**
**104—Asphalting—3Z.**
**95—Athena—3E.**
**38—Avalanche—3D.**

## B

**11—B-B Brand—3V.**
**104—Bag Kraft—3Z.**
**35—Bank Posting—3D.**
**19—Bantam—3GG, 3LL.**
**35—Battleship—3D.**
**94—Bay Path—3D.**
**94—Beau Brilliant—3E, 3L**
**48—Beeswing—3GG.**
**63—Beta—3L.**
**62—Black & White—3E, 3K, 3L.**
**24—Blanca—3K.**
**104—Blendext—3E, 3K.**
**94—Blue Print—3V.**
**105—B. P. F.—3E, 3S.**
**19—Brewster—3E.**
**25—Brewster Vellum—3V.**
**63—Brilliantone—3K, 3Q.**
**104—Brite-Pak—3J, 3CC.**
**95—Bulking—3E, 3Q.**

## C

**18—Campaign—3S.**
**14—Cantine's Dull Offset—3Q.**
**18—Canton—3F, 3S.**
**78—Capitol—3C.**
**76—Carfax—3E, 3Q.**
**94—Carillon—3V.**
**75—Carlton—3D, 3AA, 3BB.**
**102—Carrara—3AA.**
**76—Carrollton—3Q.**
**101—Cascade—3E, 3Q.**
**104—Case Board—3T.**
**82—Cashiers Safety—3V.**
**53—Caslon—3D.**
**14—Catskill Litho CIS—3Q.**
**14—Catskill Offset—3Q.**
**19—Certificate — 3D, 3F, 3LL.**
**25—Certificate—3D, 3F, 3G.**
**89—Certifine—3Y.**
**94—Cerulean—3F.**
**18—Chalice Opaque — 3E, 3Q.**
**18—Chamfico Colored — 3AA.**
**18—Champion—3T.**
**18—Champion Kromekote—3L.**
**24—Chancel—3E.**
**24—Chapel—3E.**
**94—Charcoal—3V.**
**75—Chatham—3K.**
**19—Chemco—3F.**
**19—Chemopake—3GG.**
**4—Chester—3F.**
**94—Chesterlyn—3V.**
**53—Chieftain—3D.**
**73—Chieftain—3D.**
**94—Chroma—3E, 3L.**
**95—City—3E.**
**72—Clarion—3D, 3M, 3BB, 3HH.**
**102—Clarity—3AA.**
**33—Clearcopy—3LL.**
**104—Clear Spring—3D, 3E, 3F, 3N, 3Q, 3S, 3U, 3V, 3X, 3AA, 3BB, 3HH.**
**1—Clearmaster—3V.**
**24—Cloister—3E.**
**42—Cockletone—3D, 3AA.**
**107—Cold Springs—3D.**
**102—Collection—3AA.**
**95—Collectors'—3E.**
**124—Colophon—3E, 3L.**
**18—Colorcast—3V.**
**78—Commercial—3C.**
**73—Conference—3D.**
**22—Consolidated Gloss—3K.**
**22—Consolith Gloss—3K, 3Q.**
**22—Consolith Opaque—3K, 3Q.**
**22—Consoweb—3K, 3U.**
**4—Contract—3D.**
**18—Cordwain Embossed—3L.**
**121—Corkpak—3N, 3W, 3Y, 3KK.**
**1—Correct—3D.**
**19—Cotton Fiber—3D.**
**4—Coupon—3D, 3V.**
**94—Courier—3E, 3L.**
**53—Crandon—3E, 3K.**
**24—Crobank—3E, 3Q, 3U.**
**35—Credit—3D.**
**24—Crocker—3Q.**
**26—Cromwell—3Y.**
**73—Crystallite—3D.**
**89—Crystallon—3L.**
**100—Cumberland Dull—3K, 3S.**
**100—Cumberland Gloss—3F, 3K, 3L.**
**5—Currency—3L, 3DD.**
**124—Curtis Antique—3E, 3L.**
**124—Curtis Rag—3E, 3L.**

## D

**78—Damask—3C.**
**38—Dauntless—3D, 3F.**
**19—Daily Sales—3F, 3GG.**
**71—Davac—3M.**
**62—De & Se Tints—3E, 3L, 3Q.**
**24—Decofold—3K.**
**42—Deeplake—3F, 3Q, 3S.**
**5—Deerbrook—3L.**
**24—De Jonge Litho—C1S, 3Q.**
**42—DeLuxe—3L.**
**4—Delta—3GG.**
**27—Dennison—3M.**
**104—Densite—3T.**
**102—Derby—3AA.**
**25—De Vinne Smooth—3Q.**
**76—Diamond—3E.**
**35—Dictation—3D, 3V.**
**62—Dilcol—3F, 3K, 3L.**
**19—Direct Mail—3F.**
**5—Direct Sales—3D.**
**1—Discovery—3D.**
**76—Dixfield—3Q.**
**57—Document—3F.**
**95—Dorchester—3E.**
**94—Double Deckle—3E, 3L.**
**94—Drawing Board—3V.**
**38—Dreadnaught—3D, 3F, 3R.**
**89—Drumhead—3Y.**
**42—Duchrome—3L.**
**5—Dullcrome Duplex—3K.**
**18—Dullofold—3K.**
**63—Duplex—3K.**
**102—Duplex Blue Inside—3AA.**
**63—Duplikote—3D.**
**104—Dura-Corr—3Z**
**42—Dura-Glo—3L.**
**63—Duralite—3L.**
**57—Duratag—3X.**

## E

**4—Eagle-A — 3D, 3E, 3F, 3L, 3Q, 3R, 3S, 3V, 3BB.**
**100—"1854"—3E.**
**104—Electrite—3T.**
**24—Elseca—3E.**
**33—Emco—3V.**
**48—Empire—3E.**
**5—Empress—3K, 3Q.**
**53—Energy—3D, 3CC.**
**35—English—3D.**
**76—Engravatone—3K.**
**94—Envoy—3V.**
**62—Escanaba Enamel—3E, 3K.**
**116—Escort—3F.**

## F

**94—Fairfield—3F.**
**95—Fairmount—3Q.**
**18—Falcon—3K.**
**47—FasCal—3JJ.**
**47—Fasson—3JJ.**
**95—Fenway—3Q.**
**62—Fiberfold—3F.**
**33—Fidelity—3LL.**
**94—Fiesta—3E, 3L.**
**100—Fineleaf—3V.**
**22—Flash Gloss—3K, 3U.**
**11—Flat-as-a-pancake—3M.**
**62—Flat White—3E.**
**95—Flemish—3E.**
**101—Foldette—3K.**
**18—Foldur—3Z, 3AA.**
**53—Fontana—3K, 3Q.**
**18—Format—3K.**
**22—Fortune Gloss—3K, 3Q.**
**22—Fortune Opaque — 3K, 3Q.**
**116—Forward—3D.**
**100—Fotolith—3K.**
**35—Fox River—3D, 3V.**
**102—Franklin Clasp—3AA.**
**36—Fra-Opaque—3D.**

## G

**94—Gabardine—3V.**
**18—Garamond—3E.**
**38—Gilbert—3D, 3F, 3L, 3R, 3V.**
**38—Gilbert Opaque—3D.**
**38—Gilbert Safety—3D.**
**38—Gilbert Superase—3D.**
**73—Glacier—3D.**
**62—Glacier—3K.**
**89—Glen—3X.**
**89—Glenwhite—3X.**
**101—Glossette—3K.**
**101—Gloss Ink—3K.**
**102—Glow-Tone—3AA.**
**11—Gluprint—3M.**
**25—Gold Star—3D, 3F.**
**19—Gold Star — 3D, 3F, 3LL.**
**18—Gray—3Z, 3AA.**
**65—Green Core—3M.**
**116—Greylock—3D.**
**36—Groundwood—3U.**
**19—Guardian—3D, 3F.**
**19—Guide Stock—3F.**
**27—Gum-Print—3M.**

## H

**42—Hammermill—3D, 3E, 3F, 3L, 3Q, 3S, 3V, 3AA, 3BB, 3CC, 3HH.**
**35—Herald—3D.**
**24—Herculite Enamel — 3K, 3L.**
**24—Herculite Offset Enamel —3K, 3L, 3Q.**
**24—Hermes—3E, 3U.**
**14—Hi-Arts C2S—3K.**
**53—Hifect—3E, 3K.**
**62—Highlight—3L.**
**46—Howard—3D, 3BB.**
**48—Hudson—3E.**
**84—Huron—3D.**
**95—Hyde Park—3Q.**

## I

**94—Illustration—3V.**
**71—Imac—3V.**
**18—Imitation—3T.**
**62—Imperial—3E.**
**94—Impress—3E, 3L, 3Q.**
**62—Innovation—3F.**
**22—Insert Gloss—3K.**
**19—International—3L.**
**48—International—3Q, 3BB, 3HH.**
**19—Interwoven—3L.**
**18—Inventory—3F.**
**62—Ionic—3B.**
**26—Ironsides—3Y.**
**19—Item—3GG.**
**71—Itstix—3M.**

## J

**89—Jersey—3F.**
**74—John Edwards—3D.**
**89—Jute—3X.**

## K

**53—Kimberly—3Y.**
**53—Kimfect—3K.**
**117—Kleen-Stik—3JJ.**
**75—Klo-Kay—3E.**
**104—Kraftsman—3M, 3Z.**
**18—Kromekote—3L, 3S.**
**51—KVP—3Q, 3R, 3GG.**

## L

**116—L. L. Brown's—3D.**
**38—Lancaster—3D.**
**89—Leatheret—3L.**
**62—Leatheright—3L.**
**24—Levelith—3Q.**
**24—Levelprint—3E.**
**18—Lexicon—3E.**
**22—Life Enamel—3K.**
**38—Lifetime—3GG.**
**51—Limited—3D.**
**57—Line-Tone—3F.**
**74—Liquotype—3D.**
**53—Lithofect—3K, 3Q.**
**14—Lithogloss CIS—3Q.**
**63—Lithotints—3Q.**
**78—Lithotone—3C.**
**53—Lithoweb—3Q.**
**105—Longlife—3F.**
**48—Louisiana—3X.**
**100—Luster Card—3J.**
**100—Luster Hide—3K.**
**100—LusterKote — 3F, 3K, 3L.**
**100—Lustro Dull—3K.**
**100—Lustro Gloss—3K, 3L.**

## M

62—Made (w) right—3F.
100—Mail Pouch—3AA.
76—Maineflex—3L.
76—Mainefold—3L.
42—Management—3D, 3AA.
5—Masterfold—3K.
35—Masterline—3D.
1—Maxopaque—3E.
60—Maxwell—3D, 3Q, 3BB.
14—M C Folding—3K.
62—Mead—3D, 3E, 3K, 3L, 3Q, 3AA, 3BB, 3HH.
62—Meadbrite—3D, 3L, 3Q
5—Mellochrome—3S.
11—Met-L-Stik—3M.
58—MJ—3M, 3DD.
63—Miami—3S.
63—Miamitints—3K.
65—Mid-States—3M.
107—Mileage—3D.
102—Milk Bottle—3AA.
74—Mirra—3D.
22—Modern Gloss—3K.
22—Modernroto—3K, 3U.
62—Moistrite—3D, 3E, 3Q, 3BB, 3HH.
75—Mountie—3E, 3Q, 3AA.
5—Multicopy—3D, 3F.
94—Multicopy—3D.
53—Multifect—3E, 3K.
27—Multykolor—3K.
53—Munising—3D.
70—Munising Bond—3D.
70—Munising Opaque—3D.
19—Myriad—3GG.

## N

35—National Bank—3D, 3V.
33—Navajo—3L.
18—Ne'er Tear—3N, 3AA.
53—Neenah—3D, 3F, 3LL, 3V.
73—Neenah—3D, 3F, 3V.
73—Neenah Onion Skin—3LL.
73—Neenah Eraseable Bond and Onion Skin—3D.
73—Neenah Speedmaster Translucent—3D.
74—Nekoosa—3D, 3Q, 3BB, 3GG, 3HH.
74—Nekoos-O-Pake—3D, 3Q, 3BB, 3GG, 3HH.
35—New Era—3D.
27—Non-Blocking—3M.
75—Nortex—3AA.
62—Northland—3E, 3L, 3Q.
62—Northlite—3E, 3Q, 3BB, 3HH.
75—Northwest—3D, 3E, 3F, 3L, 3Q, 3S, 3AA, 3BB, 3HH.
76—North Star—3K.
75—North Star—3Q.
95—Norwood—3Q.
72—Nypen—3D.

## O

100—Offset—3F, 3K, 3L.
35—Old Badger—3D.
73—Old Council Tree—3D, 3LL.
38—Old Ironsides—3D.
62—Old Ivory—3K.
94—Old Stratford—3E.
100—Olde Style—3E.
62—Olympic—3F.
71—On The Level — 3M, 3DD.
94—Onion Skin—3D.
48—Otis—3F.
1—Ovation—3D.
100—Overprint Label C1S—3K.

## P

5—Palisade—3L, 3Q.
22—Panorama—3K, 3Q.
53—Paragon—3D, 3CC.
63—Paralin—3V.
80—Parchkin—3R.
94—Parchment—3D.
18—Pasadena—3Q.
94—Pastelle—3E, 3L.
80—Patapar—3R.
94—Patent Office Board—3V.
72—Penn-Brite—3Q.
72—Penn-Print—3D.
65—Per-Bon—3M, 3JJ.
77—Perfection—3M.
27—Perma Flat—3M.
5—Permakolor—3K.
107—Permanized Artesian—3D.
107—Permanized Cold Springs—3D, 3LL.
107—Permanized Onion Skin—3LL.
107—Permanized Parchment—3R.
107—Permanized Plover—3D, 3L, 3LL.
71—Pervenac—3V.
22—Pictoroto Gloss—3U.
104—Piedmont—3K.
65—Pilot—3V.
102—Pine Tree—3AA.
104—Pinnacle—3D, 3E, 3Q.
65—Pioneer—3V.
76—Planoflex—3K, 3Q.
102—Plasticleer—3AA.
107—Plover—3V.
5—Polychrome—3K.
94—Porcelain—3F.
62—Potomac—3L.
53—Prentice—3K, 3L, 3Q.
104—Pressite—3T.
62—Printflex—3K, 3E, 3L, 3Q.
100—Printone—3E.
100—Printone Litho Plate—3Q.
22—Production Gloss—3K.
22—Productolith—3K, 3Q.
22—Productoroto—3K, 3U.
102—Professional Men's Statement—3AA.
65—Promset—3M.
65—Prone—3M.
11—Prosper—3M.
51—Prosperity—3Q.
19—Public Service—3D.
25—Public Service—3D.
76—Pubtext—3K.
73—Putnam—3D.

## Q

4—Quality—3D, 3E, 3F, 3L, 3V, 3BB, 3GG.
57—Queen—3F.

## R

51—Ra-Silk—3GG.
38—Radiance—3D.
18—Radiant—3AA.
35—Raglette—3V.
53—Rainbow—3E.
63—Rainbow—3F.
76—Rangeley—3Q.
104—Rawhide—3T.
104—RC Board—3T.
65—Really Flat—3M.
18—Refold—3K, 3L, 3Q.
94—Replica—3D.
116—Resistall—3D, 3F.
53—Resolute—3F.
73—Resolute—3D, 3F.
38—Resource—3D.
94—Rhododendron—3L, 3V.
62—Richfold—3E, 3K.
62—Richgloss—3E, 3K, 3Q.
35—Right of Way—3D.
57—Rollstone—3F.
102—Roptex—3AA.
102—Round Trip—3AA.
76—Rumford—3Q.

## S

18—Satin Proof—3K.
24—Saturn Wove—3E.
24—Saturn Wove and Laid—3E.
94—Saxon—3F.
18—Scriptic—3D, 3BB.
100—Sebago Label CIS—3K.
102—Service Air Mail—3AA.
124—Shalimar—3E, 3L.
19—Sheerleaf—3LL.
53—Shorewood—3K, 3Q.
100—Silkote—3Q.
94—Silverflake—3E, 3L.
19—Sky Wove—3L.
19—Sno-Parch—3R.
25—Sno-Parch—3R.
36—Snowland—3D, 3Q, 3V, 3BB, 3GG, 3HH.
14—Softone—3K.
76—Softone—3E.
62—Spartan—3F.
24—Special Litho C1S—3K.
53—Speedmaster—3D.
63—Spirit Master—3D.
62—Spotlight—3L.
102—Spot-Lite—3AA.
48—Springhill—3F, 3N, 3S, 3X.
63—Standard Paralin—3V.
11—Stellar—3M.
104—Sterling — 3E, 3J, 3K, 3L, 3Q, 3U.
124—Stoneridge—3E, 3L.
73—Stonewall—3D.
94—Strathlucent—3F.
94—Strathmore—3D, 3E, 3L, 3V.
101—Streamline—3Q.
62—Strongheart—3F.
53—Success—3D, 3LL.
73—Success—3D, 3V.
62—Suede—3E.
19—Sulphite—3D, 3GG.
95—Sumner—3E.
18—Sun-Tan—3Z, 3AA.
72—Super—3E.
102—Superba—3AA.
62—Superfine—3F.
33—Superior—3GG.
103—Superior—3L.
104—Superliner—3Z.
5—Supertuff—3L.
63—Supreme—3V.
76—Swift River—3K, 3Q.

## T

95—T&H—3E.
63—Teck Color—3K.
18—Templar—3K, 3Q.
24—Tenor—3K, 3Q.
24—Tenor Gloss—3E.
53—Texoprint—3G.
70—Texoprint—3G.
57—Thinplate—3F.
100—Thintext—3E.
100—Thinweave—3E.
94—Thistlemark—3D.
11—Thrifty—3M.
48—Ticonderoga — 3E, 3L, 3Q.
95—Tiho—3D.
57—Time Card—3F.
63—Tintaney—3D.
63—Tough Check—3V.
78—Treasury—3C.
89—Treated Jute—3Y.
4—Trojan—3D, 3V.
19—Tru-Brite—3R.
95—Tru-Colour—3E, 3L.
53—Trufect—3E, 3K.
53—Tudor—3D.
73—Tudor—3D.
18—Tuf Tear—3X.
5—Tuffbristol—3L.
89—Tufwite—3Q, 3X.
89—Tug-Tag—3X.
124—Tweedweave—3E, 3L.
89—20th Century—3F.
102—Two-In-One Combination—3AA.
4—Type-Erase—3D, 3V.

## U

76—Uniflex—3K, 3Q.
22—Union—3E, 3K.

## V

104—Vac-Cup-Bac—3Q, 3V.
35—Valid—3D, 3V.
5—Varnish—3K.
101—Varnoset CIS—3K, 3Q
102—Velpine—3AA.
63—Velvatex—3K.
14—Velvetone—3K.
11—Velvety—3M.
104—Velvo—3E, 3K.
35—Venetian—3D.
33—Verilite—3V.

## W

57—Wachusett—3B.
35—Wall Street—3D.
100—Water Resisting — 3E, 3K.
57—Waterfalls—3D, 3E, 3L, 3Q.
104—Weather-Tite Dura-Corr—3Z.
104—Weather-Tite Liner—3Z.
18—Wedgwood—3K, 3Q.
76—Wescar—3Q.
102—Wesco Printed Inside—3AA.
100—Westbrook—3K.
102—Western—3AA.
102—Western Clasp—3AA.
102—Western States—3AA.
104—West Virginia—3D, 3E, 3F, 3J, 3K, 3L, 3N, 3M, 3Q, 3S, 3T, 3V, 3X, 3Z, 3AA, 3BB, 3HH, 3CC.
104—Westvaco—3D, 3E, 3F, 3J, 3K, 3L, 3M, 3N, 3Q, 3S, 3T, 3V, 3X, 3AA, 3BB, 3CC.
62—Wheelwright—3F.
42—Whippet — 3D, 3BB, 3HH.
57—Whitag—3X.
38—White Cloud—3V.
48—Winn—3E.
73—Wisdom—3D.
95—WoCoat—3V.
5—Woodbine Colored—3K.
5—Woodbine Cover—3L.
5—Woodbine Duplex—3K.
62—Wood Grain—3L.
60—Workwell—3D, 3BB.
94—Woronoco Tints—3V.
46—Wytek—3D.

## Z

14—Zena—3K.
14—Zenagloss Offset—3Q.
54—Zenith—3Q.

***Printing Production* Filing System**

# 4 — Paper Cutting and Processing Index

**HOW TO USE THIS INDEX**—This Paper Cutting and Processing Index is comprised of two parts. Immediatly below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

## KEY FOR PAPER CUTTING AND PROCESSING INDEX

**4A Card Cutters, Rotary**
**4B Envelope Making Machines**
**4H Gauges and Testing Instruments**
- 4H4 Bursting
- 4H2 Ink Penetration
- 4H1 Micrometers
- 4H6 Moisture
- 4H5 Opacity
- 4H3 Tearing
- 4H7 Thickness

Jogging Machines—See Pressroom 5Z
**4L Hoists and Cranes**
**4E Laminating Machines**
**4J Paper Coloring Machines**
**4C Paper Conditioning Equipment**
**4G Paper Conveying Equipment**
**4F Paper Cutters and Trimmers**
- 4F11 Angle Cutting Gauge
- 4F1 Automatic
- 4F2 Cutting Sticks
- 4F7 Grinding Wheels
- 4F3 Hand
- 4F10 Hold Down Clamp
- 4F5 Knife Grinding
- 4F4 Knives
- 4F6 Power
- 4F8 Rotary Cutters
- 4F9 Safety Guards

**4D Paper Handling Trucks**
- 4D8 Bindery
- 4D1 Elevating
- 4D6 Hand
- 4D2 Lift
- 4D3 Paper Roll
- 4D4 Paper Stock
- 4D7 Skid Lift
- 4D5 Skids or Platforms

Round Corner Cutters See Bindery 6U
**4K Sheeters**

## PAPER CUTTING AND PROCESSING MAIN AND CROSS-INDEX

**O Indicates advertiser. See Advertisers' Index, Pages B-C-D.**

### A

**AIR CONDITIONING**
See Air Conditioning Equipment and Supplies 8A.

**AUTOMATIC CUTTERS**
See under Paper Cutters and Trimmers 4F.

### B

**BALING PRESSES**
See Waste Paper Balers 8L.

### C

**CARD CUTTERS, ROTARY 4A**

**CELLULOSE LAMINATING MACHINES**
See Laminating Machines 4E.

**CONDITIONING EQUIPMENT FOR PAPERS**
See Paper Conditioning Equipment 4C.

**CONTINUOUS TRIMMERS**
See Bindery 6F.

**CUTTERS, PAPER**
See Paper Cutters and Trimmers 4F.

**CUTTERS, ROUND CORNER**
See Bindery 6U.

**CUTTING STICKS**
See under Paper Cutters and Trimmers 4F.

### D

**DIE CUTTING PRESSES**
See Pressroom 5M.

**DECKLING, PEBBLING AND ROUGHING MACHINES**
See Bindery 6OO.

**DRILLING AND DRILL SLOTTING MACHINES**
See Bindery 6H.

### E

**ELEVATING TRUCKS**
See under Paper Handling Trucks 4D.

**ENVELOPE MAKING MACHINES 4B**
Smithe, F. L., Machine Co., Inc., 645 W. 44th St., New York 36, N. Y.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St Paul 14, Minn.

### F

**FEATHER EDGING MACHINES**
See under Deckling, Pebbling and Roughing Machines 6OO.

**FORMERS, ENVELOPE**
See under Envelope Making Machines 4B.

### G

**GAUGES AND TESTING INSTRUMENTS 4H**
- 4H4 Bursting.
- 4H2 Ink Penetration.
- 4H1 Micrometers.
- 4H6 Moisture.
- 4H5 Opacity.
- 4H3 Tearing.
- 4H7 Thickness.

O Alico, Incorporated, Montague, Mass.—4H7.
Amthor Testing Instrument Co., Inc., 45 Van Sinderen Ave., Brooklyn 7, N. Y.—4H3, 4H4, 4H7.
Bausch & Lomb Optical Co., 651 St. Paul St., Rochester 2, N. Y.—4H5.
Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—4H6.
Cady, E. J., & Co., 630 N. Harlem Ave., River Forest, Ill.—4H1, 4H4.
O Cambridge Instrument Co., Inc., 3546 Grand Central Terminal, New York 17, N. Y.—4H6.
Hart Moisture Gauges, Inc., 126 Liberty St., New York 6, N. Y.—4H6.
Minden Paper Gauge Co., Inc., 230 W. 41st St., New York 36, N. Y.—4H1, 4H4, 4H7.
Perkins, B. F., & Son Inc., P.O. Box 388, Holyoke, Mass.—4H4.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—4H1.
Starrett, L. S., Co., Crescent St., Athol, Mass.—4H1, 4H7.
Testing Machines, Inc., 72 Jericho Turnpike, Mineola, L. I., N. Y.—4H1, 4H2, 4H3, 4H4.
Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—4H6.

**GRINDING MACHINES FOR PAPER CUTTER KNIVES**
See under Paper Cutters and Trimmers 4F.

### H

**HAND PAPER CUTTERS**
See under Paper Cutters and Trimmers 4F.

**HOISTS AND CRANES 4L**
Beacon Machinery, Inc., 31st and Tudor Sts., P.O. Box 188, East St. Louis 17, Ill.
Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.
Manning, Maxwell & Moore, Inc., Shaw-Box Crane & Hoist Div., W. Broadway, Muskegon, Mich.

### J

**JOGGING MACHINES**
See Pressroom 5Z.

### K

**KNIFE GRINDING MACHINES FOR PAPER CUTTERS**
See under Paper Cutters and Trimmers 4F.

**KNIVES FOR PAPER CUTTERS**
See under Paper Cutters and Trimmers 4F.

### L

**LAMINATING MACHINES 4E**
Cameron Machine Co., Franklin Rd., Dover, N. J.
Haida Engineering Co., 34-11 Vernon Blvd., Long Island City 4, N. Y.
Henschel, C. B., Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis.
Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.
Inta-Roto Machine Co., Inc., P.O. Box 454, Byrd Airport, Richmond 3, Va.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.
Moore, Kenneth J., & Co., 1778 W. Estes Ave., Chicago 26, Ill.
Potdevin Machine Co., 297 North St., Teterboro, N. J.
Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.
Waldron, John, Corp., P.O. Box 791, New Brunswick, N. J.

**LIFT TRUCKS**
See under Paper Handling Trucks 4D.

### N

**NEWSPRINT ROLL TRUCKS**
See under Paper Handling Trucks 4D.

### P

**PAGING AND NUMBERING MACHINES**
See Bindery 6P.

**PAPER COLORING MACHINES 4J**
Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.
O Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

Stone, Thos. and Geo. M., Inc., 1413 Chestnut Ave., Hillside 5, N. J.—Applicator rolls.

**PAPER CONDITIONING EQUIPMENT 4C**
**Also see Air Conditioning 8A.**
**Acme Gear & Machine Co., Seventh and Wood Sts., Philadelphia 6, Pa.**
Bahnson Company, The, 1001 S. Marshall St., Winston-Salem, N. C.
Carrier Corporation, Carrier Pkwy., Syracuse 1, N. Y.
Murray, D. J., Mfg. Co., 1002 Third St., Wausau, Wis.
Paasche Airbrush Co. Div., Cline Electric Mfg. Co., 1909 Diversey Pkwy., Chicago 14, Ill.
Parks-Cramer Company, Newport St., Fitchburg, Mass.
**Southworth Machine Co., 30 Warren Ave., Portland 5, Me.**
York Corporation, Sub. of Borg Warner Corp., Grantley Rd., York, Pa.

**PAPER CONVEYING EQUIPMENT 4G**
Jampol Corporation, The, 728—61st St., Brooklyn 20, N. Y.
Link-Belt Co., Prudential Plaza, Chicago 1, Ill.
Wiretyer Corporation, 65 Lellarts Lane, East Paterson, N. J.

**PAPER CUTTERS AND TRIMMERS 4F**
**4F11 Angle Cutting Gauge.**
**4F1 Automatic.**
**4F2 Cutting Sticks.**
**4F7 Grinding Wheels.**
**4F3 Hand.**
**4F10 Hold Down Clamps.**
**4F4 Knives.**
**4F5 Knife Grinding.**
**4F6 Power.**
**4F8 Rotary Cutters.**
**4F9 Safety Guards.**
**American Type Founders, Inc.** 200 Elmora Ave., Elizabeth, N. J.—4F1, 4F2, 4F3, 4F4, 4F6.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—4F1.
**Beck, Charles, Machine Corp.,** 42 Church Rd., King of Prussia, Pa.—4F8, 4F11.
**Challenge Machinery Co., The,** 19 N. First St., Grand Haven, Mich.—4F1, 4F3, 4F4, 4F6, 4F9.
Chambersburg Lumber Co., College and Scotland Aves., Chambersburg, Pa.—4F2.
**Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.** —4F1, 4F3, 4F4, 4F6.
**Chapman Knives & Saws, Inc.,** 4040 Clayton, St. Louis 10, Mo. —4F2, 4F4.
**Coes Knife Co., 72 Coes St., Worcester 3, Mass.—4F4.**
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
**Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—4F2, 4F4.**
**Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.**
**Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.—4F1, 4F6, 4F8.**
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.—4F1.
**Dietz Machine Works, 126 W. Fontain St., Philadelphia 22, Pa.—4F8.**
**Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.—4F8.**
Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa.—4F4.
**Dollahite, K. J., Co., 106 W. 15th St., Ft. Worth 2, Tex.—4F11.**
**Ever Ready Machinists, Inc., 137 W. 19th St., New York 11, N. Y.—4F2, 4F3.**
Fate-Root-Heath Company, Grinder Div., 234 High St., Plymouth, O.—4F5.
**Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—4F1.**
**Gardner Adjustable Quad Guide Co., 389 Northumberland Ave., Redwood City, Calif.—4F10.**
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—4F1, 4F2, 4F4, 4F6.
Henschel, C. B., Mfg. Co., 229 **W. Mineral St., Milwaukee 4, Wis.—4F8.**
Hickok, W. O., Mfg. Co., Ninth **and Cumberland Sts., Harrisburg, Pa.—4F5.**
**Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.—4F3.**
Ideal Roller & Mfg. Co., Inc., **2512 W. 24th St., Chicago 8, Ill.—4F2.**
**Irwin Manufacturing Co., Inc., Main St., Garland, Pa.—4F2.**
**Kellett Company, 640 S. Miller St., Chicago 7, Ill.—4F2, 4F4, 4F5.**
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.—4F1, 4F2, 4F3, 4F4, 4F6, 4F9, 4F10, 4F11.
Michael Lith Sales Corp., 145 W. 45th St., New York 36, N. Y.
Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.—4F3, 4F6.
Northern Machine Works, 323 N. Fourth St., Philadelphia, Pa.
Ohio Knife Co., The, B. & O. Railway and Dreman Ave., Cincinnati 23, O.—4F4.
Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.
**Paper Converting Machine Co.,** 2300 S. Ashland Ave., Green Bay, Wis.—4F8.
Potdevin Machine Co., 297 North **St., Teterboro, N. J.—4F8.**
Ralya Saw Corp., 109 W. 2nd St., Cincinnati 2, O.—4F2, 4F4.
Rogers, Samuel C., & Co., Inc., 2070 Sheridan Dr., Buffalo 23, N. Y.—4F5, 4F7.
S. & W. Machine Co., 26 Vine St., Cincinnati 2, O.
**Saw & Knife Specialty Co., 6526 Carnegie Ave., Cleveland 3, O. —4F4, 4F5.**
Sharp Tool Service Co., 5401 W. Lake St., Chicago 44, Ill.—4F2, 4F4.
Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.—4F.
Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass.—4F4.
Simonds Worden White Co., Summit St. at Negley Place, Dayton 7, O.—4F4.
**Southworth Machine Co., 30 Warren Ave., Portland 5, Me.** Automatic skid lifting and lowering device.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.—4F8.
Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y.—4F8.
Thompson Cabinet Co., Laura St., Ludington, Mich.—4F2.
**Tolerton Company, 265 N. Freedom St., Alliance, O.—4F2.**
Wapakoneta Machine Co., Wapakoneta, O.—4F4.

**PAPER DRILLING AND SLOTTING MACHINES**
**See Bindery 6H.**

**PAPER HANDLING TRUCKS 4D**
**4D8 Bindery.**
**4D1 Elevating.**
**4D6 Hand.**
**4D2 Lift.**
**4D3 Paper Roll.**
**4D4 Paper Stock.**
**4D7 Skid Lift.**
**4D5 Skids or Platforms.**
Abrams, The M. L., Co., 1841 Prospect Ave., Cleveland 15, O. —4D6.
**American Type Founders, Inc.,** 200 Elmora Ave., Elizabeth, N. J.—4D4.
**Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill.** —4D4.
Baker Industrial Trucks, Div. Otis Elevator Co., 8000 Baker Ave., Cleveland 2, O.—4D1, 4D5, 4D7.
Barrett-Cravens Company, 630 Dundee Rd., Northbrook, Ill.—4D1, 4D2, 4D3, 4D4, 4D5, 4D6.
**Clark Equipment Co., Industrial Truck Div., 24th St., Battle Creek 151, Mich.—4D1, 4D3, 4D4.**
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y. —4D3, 4D4.
Economy Engineering Co., 4511 W. **Lake St., Chicago 24, Ill.—4D1, 4D3, 4D4.**
Elwell-Parker Electric Co., 4205 **St. Clair Ave., Cleveland 3, O. —4D1, 4D2, 4D3, 4D4, 4D5.**
Equipto, 401 S. Highland, Aurora, Ill.—4D4, 4D6.
Fairbanks Company, The, 393 Lafayette St., New York 3, N. Y. —4D3, 4D4, 4D6.
Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa.—4D4, 4D6.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Gifford-Wood Company, One Hudson Ave., Hudson, N. Y.—4D1, 4D2, 4D3, 4D4, 4D5.
Hamilton Tool Co., The, Ninth **and Hanover, Hamilton, O.—4D1.**
Hyster Company, P.O. Box 4318, Portland 8, Ore.—4D2, 4D3, 4D4, 4D5, 4D7.
Jampol Corporation, The, 728—61st St., Brooklyn 20, N. Y.—4D1.
Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.—4D1, 4D2, 4D3, 4D4, 4D5, 4D7.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.—4D7.
Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.—4D1, 4D2, 4D4, 4D5, 4D6, 4D7.
**Lift Trucks, Inc., 2425 Spring Grove Ave., Cincinnati 14, O.** —4D1, 4D2, 4D4, 4D5, 4D6, 4D7.
Mercury Manufacturing Co., 4710 W. Division St., Chicago 51, Ill.—4D2, 4D6.
National Baling Press & Equipment Co., 1071 E. 48th St., Brooklyn 34, N. Y.—4D5, 4D6.
**Norman, William A., 1133 E. 63rd St., Chicago 37, Ill.—4D3.**
**Raymond Corporation, The, 160 Madison Ave., Greene, N. Y.** —4D1, 4D2, 4D3, 4D4.
Revolvator Company, Tonnele Ave., North Bergen, N. J.—4D1, 4D2, 4D4, 4D5, 4D6, 4D7.
Rosback, F. P., Co., 225 Fifth Ave., Benton Harbor, Mich.—4D8.
Rotary Lift Co., Div. Dover Corp., 1054 Kansas St., Memphis 2, Tenn.—4D1, 4D2, 4D3, 4D4.
**Southworth Machine Co., 30 Warren Ave., Portland 5, Me.**—4D7.
Super Speed Printing Machinery, Inc., 6520 Euclid Ave., Cleveland 3, O.—4D4.
Thompson Cabinet Co., Laura St., Ludington, Mich.—4D4.
Towmotor Corporation, 1224 E. 152nd St., Cleveland 10, O.—4D1, 4D2, 4D3.
**Walbert Machine Co., 819 E. 19th St., Kansas City 8, Mo.—4D7.**
Yale & Towne Mfg. Co., 11000 Roosevelt Blvd., Philadelphia 15, Pa.—4D1, 4D2, 4D3, 4D5, 4D6, 4D7.
Young, Paul O., Co., Line Lexington, Pa.—4D5, 4D6.

**PAPER STOCK TRUCKS**
**See under Paper Handling Trucks 4D.**

**PERFORATING MACHINES**
**See Bindery 6R.**

**PERFORATING, PUNCHING AND ROUND CORNERING MACHINES**
**See Bindery 6S.**

**PLATFORMS FOR PAPER**
**See under Paper Handling Trucks 4D.**

**POWER PAPER CUTTERS**
**See under Paper Cutters and Trimmers 4F.**

**PRESSES, DIE CUTTING**
**See Pressroom 5M.**

**PRESSES FOR BALING**
**See Waste Paper Balers 8L.**

**PUNCHING MACHINES**
**See Bindery 6S.**

## R

**REWINDING MACHINES**
**See Pressroom 5RR.**
**See Bindery 6Z.**

**ROTARY PERFORATING MACHINES**
**See Bindery 6R.**

**ROUND CORNER CUTTERS**
**See Bindery 6U.**

## S

**SAFETY GUARDS**
**See Paper Cutters and Trimmers 4F.**

**SHEETERS 4K**
Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.
Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.
Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.

**SKIDS FOR PAPER**
**See under Paper Handling Trucks 4D.**

**SLITTING AND REWINDING MACHINES**
**See Pressroom 5RR.**
**See Bindery 6Z.**

**SLOTTING MACHINES**
**See Bindery 6H.**

**STICKS, CUTTING**
**See under Paper Cutters and Trimmers 4F.**

**STIPPLING MACHINES**
**See under Deckling, Pebbling and Roughing Machines 6OO.**

## T

**TRIMMERS, AUTOMATIC**
**See Paper Cutters and Trimmers 4F.**

**TRIMMERS, CONTINUOUS**
**See Bindery 6F.**

**TRUCKS FOR HANDLING PAPER**
**See under Paper Handling Trucks 4D.**

***Printing Production* Filing System**

# 5 — Pressroom Index

**HOW TO USE THIS INDEX**—This Pressroom Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

## KEY FOR PRESSROOM INDEX

**5A Adhesives**
- 5A1 Makeready
- 5A2 Splicing
- 5A3 Tape Cement

**5C Bearings**

**5D Belts, Belting and Tape**

**5JJJ Blowers (Portable Cleaning)**

**5E Brakes for Presses**

**5F Bronzing Machines**

**5G Cabinets, Racks and Chairs**
- 5G1 Chairs
- 5G2 Drying Racks
- 5G3 Ink Cabinets
- 5G4 Makeready Tables
- 5G5 Roller Racks
- 5G6 Stools and Seats
- 5G7 Tool Cabinets

**5H Chucks**
- 5H1 Expansion
- 5H2 Non-Returnable Core

**5DDD Color Curved Plate Register Machine**

**5K Color Matching Lamps**

**5J Conveyors for Magazines and Newspapers**

**5L Cylinder and Tympan Packing**
- 5L1 Blankets
- 5L2 Draw Sheets
- 5L3 Tympan Paper
- 5L5 Tympan Paper Holders
- 5L4 Underpacking

**5M Die Cutting Presses**

**5EEE Drives, Chain**

**5KK Drives, Variable Speed**

**5XX Edition Marker**

**5FFF Eliminators (Floating Powder and Ink Mist)**

**5N Embossing Equipment**
- 5N1 Presses
- 5N2 Rolls

**5O Envelope Making and Printing Machinery**

**5P Fans, Roller Cooling**

**5Q Feeding, Folding and Delivery**
- 5Q1 Bronzer Feeders and Delivery
- 5Q2 Circular Letter Folders
- 5Q3 Cylinder Press Feeders
- 5Q4 Fanfolding Machines
- 5Q5 Folding Machines
- 5Q6 Job Press Feeders
- 5Q7 Magazine Folders
- 5Q8 Newspaper Folders
- 5Q9 Roll Leaf Feeders
- 5Q10 Roll Paper Feeders
- 5Q11 Specialty Folders

**5R Flying Pasters for Presses**

**5S Fountains and Accessories**
- 5S1 Agitators
- 5S4 Blades
- 5S2 Dividers
- 5S3 Fountains, Ink
- 5S8 Fountains, Water
- 5S5 Newspaper Color (Portable)
- 5S7 Roller Trucks
- 5S6 Vibrators
- 5S9 Water Level Controls

**5T Gauge Pins, Guides and Feeding Accessories**

**5U Gauges and Testing Instruments**
- 5U26 Blanket Thickness Gauge
- 5U12 Color Fastness to Light Testing Machine
- 5U25 Color Matching
- 5U24 Color Printing Control
- 5U11 Contrastometer
- 5U28 Densitometer
- 5U17 Depthometer
- 5U1 Durometer
- 5U23 Impression
- 5U27 Ink Drying Timer
- 5U18 Inkometer
- 5U16 Moisture
- 5U2 Paper
- 5U3 Paper Strength and Thickness Gauges and Paper Sheet Scales
- 5U15 pH Slide Comparator
- 5U4 Plate
- 5U22 Plate Pre-register Device
- 5U10 Press Test Blocks
- 5U5 Roller Setting
- 5U6 Scleroscope
- 5U14 Sheet Register
- 5U13 Slug
- 5U7 Stroboscope
- 5U20 Surface Pyrometer
- 5U8 Tachometer
- 5U9 Type High
- 5U21 Vibration Meter

**5V Heaters and Neutralizers**
- 5V4 Heated Air Blower
- 5V1 Heaters
- 5V2 Neutralizers
- 5V6 Ovens
- 5V3 Static Tinsel
- 5V5 Steam Drum
- 5V7 Water Spray

**5W Inks (All Processes)**
- 5W1 Bronze Powders
- 5W21 Cold Set
- 5W24 Collotype
- 5W12 Color Process
- 5W27 Compounds
- 5W32 Conditioners
- 5W16 Decalcomania
- 5W2 Driers
- 5W3 Dry Colors
- 5W4 Engravers
- 5W18 Flexographic
- 5W19 Fluorescent
- 5W15 Gloss
- 5W5 Gravure
- 5W22 Heat Set
- 5W6 Letterpress
- 5W25 Magic or Invisible
- 5W7 Metallic
- 5W23 Moisture Set (Precipitation)
- 5W31 News
- 5W8 Offset
- 5W26 Plastic
- 5W9 Plate Printing
- 5W10 Reducers
- 5W20 Rotary Press News
- 5W29 Silk Screen
- 5W28 Sizers
- 5W11 Specialty
- 5W30 Steel and Copper Plate
- 5W17 Transfer
- 5W13 Varnish
- 5W14 Water Color

**5X Ink Mills and Mixers**

**5HHH Insetters, Preprinted**

**5Y Jogger Boxes**

**5Z Jogging Machines**

**5AA Lubricating Equipment and Supplies**

**5BB Magnifiers and Reducers**

**5DD Makeready Systems**

**5CC Motors and Controls**

**5HH Numbering and Counting Devices**
- 5HH1 Inserter, Tab or Ticket
- 5HH2 Numbering Machine, Rotary Presses
- 5HH3 Press Counters

**5EE Offset Preventing Equipment**
- 5EE3 Dry Powder Device
- 5EE1 Spray Guns—Liquid
- 5EE2 Spray Solutions
- 5EE4 Spray Scanner

**5AAA Paper Cleaners**

**5GG Paper Reels and Tensions (for Newspaper and Magazine Presses)**

**5FF Perforating, Slitting and Scoring Attachments**

**5SS Pile Inverter**

**5LL Printing Presses**
- 5LL1 Automatic
- 5LL2 Bag
- 5LL3 Imprinting
- 5LL4 Bottle Cap
- 5LL57 Business Forms
- 5LL5 Card
- 5LL6 Carton
- 5LL8 Check
- 5LL7 Color
- 5LL58 Container
- 5LL47 Continuous Form
- 5LL9 Cylinder
- 5LL56 Dry Offset
- 5LL10 Envelope
- 5LL11 Envelope Blank
- 5LL12 Fanfold
- 5LL59 File Card
- 5LL13 File Folder
- 5LL14 File Form
- 5LL15 Flat Bed
- 5LL46 Flexographic (Aniline)
- 5LL16 Form Letter
- 5LL17 Fruit Stamping
- 5LL18 Gravure (Sheet Fed)
- 5LL19 Hand
- 5LL20 Index Card
- 5LL21 Job
- 5LL22 Label
- 5LL23 Lithographic
- 5LL24 Magazine
- 5LL44 Makeready
- 5LL51 Match Book Cover
- 5LL48 Multiple Billing
- 5LL25 Newspaper
- 5LL60 Odd Shaped Objects
- 5LL26 Offset
- 5LL27 Pencil
- 5LL45 Photogelatin
- 5LL28 Platen
- 5LL29 Register Form
- 5LL30 Roll Feed
- 5LL31 Roll Form
- 5LL32 Rotary
- 5LL33 Rotogravure
- 5LL52 Rubber Plate
- 5LL34 Sales Book
- 5LL54 Screen Process
- 5LL35 Sheet Feed
- 5LL53 Shirt Band
- 5LL49 Snapout
- 5LL36 Specialty
- 5LL37 Tag
- 5LL38 Tape
- 5LL39 Ticket
- 5LL40 Tin and other metal plate
- 5LL55 Two-Process
- 5LL50 Typewriter Ribbon Attachment for Platen Presses
- 5LL41 Vertical
- 5LL42 Web
- 5LL43 Wrapper

**5JJ Pumps (Air and Ink)**

**5MM Raised Letter Printing Machines and Powders**
- 5MM1 Machines
- 5MM2 Supplies
- 5MM3 Textile Transfers

**5NN Rollers**
- 5NN8 Bearings
- 5NN1 Composition
- 5NN2 Covered
- 5NN3 Hand
- 5NN4 Offset
- 5NN5 Patent
- 5NN6 Rubber
- 5NN7 Synthetic Resin-Like

**5GGG Roller Washes**

**5YY Roller Conditioning Devices**

**5CCC Rotary Press Cutters**
- 5CCC1 Die Cutting Cylinders
- 5CCC2 Sheeters

**5OO Rubber Roller Grinding Equipment**

**5QQ Safety Guards**

**5RR Slitting and Rewinding Equipment**

**5WW Supplies**
- 5WW1 Rotary Press Knives
- 5WW2 Slitters

**5TT Tools**
- 5TT1 Ink Knives
- 5TT2 Makeready Knives
- 5TT3 Overlay Knives
- 5TT4 Platemakers Tools

**5UU Trucks**
- 5UU1 Newsprint
- 5UU2 Paper Roll
- 5UU3 Paper Tiering

**5ZZ Washup Devices**
- 5ZZ3 Fountain
- 5ZZ1 Letterpress
- 5ZZ2 Offset and Rotary

**5BBB Web Controls**
- 5BBB2 Feeding, Folding and Delivery
- 5BBB1 Press Register Control
- 5BBB3 Web Control Systems

**5VV Wiping Cloths**

## PRESSROOM EQUIPMENT AND SUPPLIES MAIN AND CROSS-INDEX

**○ Indicates advertiser. See Advertisers' Index Pages B-C-D.**

### A

**ACCESSORIES FOR FOUNTAINS**
**See under Fountains and Accessories 5S.**

**ADHESIVES 5A.**
**5A1 Makeready.**
**5A2 Splicing.**
**5A3 Tape Cement.**
American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.—5A1, 5A2, 5A3.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.—5A1, 5A2, 5A3.
Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y.—5A1, 5A2, 5A3.
Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.—5A1, 5A2.
Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.
Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.—5A1.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.
Green's Paste Works, 200 Liverpool Rd., Liverpool, N. Y.
Hoyt, Arthur S., Co., Inc., 20 Jerusalem Ave., Hicksville, L.I., N. Y.
Lox Manufacturing Co., 3310 E. 31st St., Kansas City 28, Mo.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—Adhesive two side film.
Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.—5A1, 5A2, 5A3.
National Adhesives Div., National Starch Products, Inc., 750 Third Ave., New York, N. Y.—5A1, 5A2.
Star Cement Co., 190 Wyoming Ave., Maplewood, N. J.—5A3.
Union Rubber & Asbestos Co., 232 Allen St., Trenton 6, N. J.
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.

**AGITATORS FOR FOUNTAINS**
**See under Fountains and Accessories 5S.**

**AGITATORS, INK**
**See Fountains and Accessories 5S.**

**AIR AND INK PUMPS**
**See Pumps 5JJ.**

**AIR CONDITIONING**
**See Miscellaneous 8A.**

**ANILINE PRESSES**
**See under Printing Presses 5LL.**

**ANTI-OFFSET EQUIPMENT**
**See Offset Preventing Equipment 5EE.**

**ATTACHMENTS FOR PERFORATING, SLITTING AND SCORING**
**See Perforating, Slitting and Scoring 5FF.**

**AUTOMATIC PASTERS**
**See Fyling Pasters 5R.**

**AUTOMATIC PRINTING PRESSES**
**See under Printing Presses 5LL.**

### B

**BAG MAKING MACHINERY**
**See Miscellaneous 8C.**

**BAG PRINTING PRESSES**
**See under Printing Presses 5LL.**

**BAILING MACHINES**
**See Waste Paper Balers 8L.**

**BANK NOTE PRINTING PRESSES**
**See under Printing Presses 5LL.**

**BEARINGS 5C**
○Alico, Incorporated, Montague, Mass.
○Link-Belt Co., Prudential Plaza, Chicago 1, Ill.
Norma-Hoffman Bearings Corp., Stamford, Conn.
SKF Industries, Inc., Front St. and Erie Ave., Philadelphia 34, Pa.
Timken Roller Bearings Co., 1835 Dueber Ave., S. W., Canton 6, O.

**BELTS, BELTING AND TAPE 5D**
**5D1 Belts and Belting.**
**5D5 Lacer.**
**5D4 Rubberized Tape.**
**5D2 Web Tape.**
**5D3 Web and Rubberized Tape.**
Arbeka Webbing Co., 1135 Roosevelt Ave., Pawtucket, R. I.—5D2.
Balata, Victor, & Textile Belting Co., 53 Park Pl., New York 7, N. Y.—5D1, 5D4.
Beall, Jack, Vertical Service, Inc., 641 S. Dearborn St., Chicago 5, Ill.—5D1.
Best, Edward H., & Co., 210 Lincoln St., Boston 5, Mass.
Clipper Belt Lacer Co., 974 Front Ave., N. W., Grand Rapids 2, Mich.—5D5.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—5D1, 5D4.
○Dayton Rubber Co., The, Dayco Div., 2342 W. Riverview Ave., Dayton 1, O.—5D1.
Duryea Products Co., Inc., 168 Rockland Ave., Woonsocket, R. I.—5D1.
General Rubber Corp., Summit and Atwood Sts., Tenafly, N. J.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.—5D1.
House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y.
Permacel Incorporated, U. S. Highway No. 1, New Brunswick, N. J.—5D2.
Raybestos-Manhattan, Inc., Manhattan Rubber Div., 61 Willett St., Passaic, N. J.—5D1, 5D3, 5D4.
Ton-Tex Corp., 247 Pearl St., N. W., Grand Rapids 2, Mich.—5D1, 5D3, 5D4.
United States Rubber Co., 1230 Ave. of the Americas, New York 20, N. Y.

**BLADES, FOUNTAIN**
**See Fountains and Accessories 5S.**

**BLANKETS**
**See under Cylinder and Tympan Packing 5L.**

**BLANKETS, OFFSET**
**See Offset 2D1.**

**BLIND, PERFORATING RULE**
**See Composing Room 1X.**

**BLOWERS (PORTABLE CLEANING) 5JJJ.**
Ace-Sycamore, Incorporated, 448 Dekalb Ave., Sycamore, Ill.
American Blower Div. of American-Standard, 8111 Tireman Ave., Dearborn, Mich.
Invincible Vacuum Cleaner Mfg. Co., Dover, O.
Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.
Paasche Airbrush Co., Div. Cline Electric Mfg. Co., 1909 Diversey Parkway, Chicago 14, Ill.

**BOTTLE CAP PRINTING PRESSES**
**See under Printing Presses 5LL.**

**BOXES, JOGGER**
**See Jogger Boxes 5Y.**

**BRAKES FOR PRESSES 5E**
○Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.
Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.

**BRONZE POWDERS**
**See under Inks 5W.**

**BRONZER FEEDERS AND DELIVERY**
**See under Feeding, Folding and Delivery 5Q.**

**BRONZING MACHINES 5F**
American Bronzing Machine Works, Inc., 145 Nassau St., New York, N. Y.
Gold Leaf & Metallic Powders, Inc., 145 Nassau St., New York 38, N. Y.
Henschel, C. B., Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis.
Kidder Press Co., Inc., 121 Broadway, Dover, N. H.
○Korn, Henry P., Associated, Inc., 5 Beekman St., New York 38, N. Y.
Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

**BUSINESS FORMS PRESSES**
**See under Printing Presses 5LL and under Business Form Equipment 8U.**

### C

**CABINETS, RACKS AND CHAIRS 5G**
**5G1 Chairs.**
**5G2 Drying Racks.**
**5G3 Ink Cabinets.**
**5G4 Makeready Tables.**
**5G5 Roller Racks.**
**5G6 Stools and Seats.**
**5G7 Tool Cabinets.**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill.—5G2.
Angle Steel, Inc., 169 Acorn St., Plainwell, Mich.—5G1, 5G6, 5G7.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—5G3, 5G7.
Dollahite, K. J., Co., 106 W. 15th St., Ft. Worth 2, Tex.—5G5.
Equipto, 401 S. Highland, Aurora, Ill.—5G3, 5G7.
Gustafson Tool Co., 239 Centre St., New York 13, N. Y.—5G2, 5G5.
○Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—5G1, 5G2, 5G3, 5G4, 5G5, 5G6, 5G7.
Harris Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—5G4.
Lyon Metal Products, Inc., Aurora, Ill.—5G1, 5G3, 5G6, 5G7.
Penco Division, Alan Wood Steel Co., Oaks, Pa.—5G3, 5G7.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—5G6.
S & M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif.—5G2, 5G4, 5G5.
Thompson Cabinet Co., Laura St., Ludington, Mich.—5G2, 5G3, 5G4, 5G5, 5G7.

**CANS, SAFETY**
**See Safety Cans 5PP.**

**CARD PRINTING PRESSES**
**See under Printing Presses 5LL.**

**CARTON PRINTING PRESSES**
**See under Printing Presses 5LL.**

**CEMENT FOR TAPES**
**See under Adhesives 5A.**

**CHAIRS, CABINETS AND RACKS**
**See under Cabinets, Racks and Chairs 5G.**

**CHASES**
**See Composing Room 1F.**

**CHECK PRINTING PRESSES**
**See under Printing Presses 5LL.**

**CHUCKS 5H**
**5H1 Expansion.**
**5H2 Non-Returnable Core.**
Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.—5H1, 5H2.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—5H2.
○Valley Manufacturing Co., Valley, Neb.—5H1, 5H2.

**CIRCULAR LETTER FOLDERS**
**See under Feeding, Folding and Delivery 5Q.**

**CLEANING BLOWERS, PORTABLE**
**See Blowers (Portable Cleaning) 5JJJ.**

**CLEANING FLUID SAFETY CANS**
**See Safety Cans 5PP.**

**CLOTHS, WIPING**
**See Wiping Cloths 5VV.**

**COLOR FASTNESS TO LIGHT TESTING MACHINES**
**See under Gauges and Testing Instruments 5U.**

**COLOR FOUNTAINS, PORTABLE NEWSPAPER**
See under Fountains and Accessories 5S.

**COLOR PRINTING PRESSES**
See under Printing Presses 5LL.

**COLOR CURVED PLATE REGISTER MACHINE 5DDD.**
Harley, E. L., Inc., 8701 Third Ave., Brooklyn 9, N. Y.
Mosstype Corporation, 150 Franklin Turnpike, Waldwick, N. J.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

**COLOR MATCHING LAMPS 5K**
Crown Engineering and Sales Co., 421 Hill St., Harrison, N. J.
○Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.
Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.

**COLOR REGISTER TESTERS, STROBOSCOPE**
See under Gauges and Testing Instruments 5U.

**COMPOSITION ROLLERS**
See under Rollers 5NN.

**COMPOUND FOR SPLICING**
See under Adhesives 5A.

**CONTINUOUS FORM PRESSES**
See under Printing Presses 5LL.

**CONTRASTOMETER**
See under Gauges and Testing Instruments 5U.

**CONTROLS AND MOTORS**
See Motors and Controls 5CC.

**CONTROLS FOR PRESSES**
See Motors and Controls 5CC.

**CONVEYORS FOR MAGAZINES AND NEWSPAPERS 5J**
○Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.
○Jampol Corporation, The, 728—61st St., Brooklyn 20, N. Y.
Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.
○Link-Belt Co., Prudential Plaza, Chicago 1, Ill.
Radio Corp. of America, Industrial Electronic Products Div., Front and Cooper, Camden, N. J.
○Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

**COOLING FANS FOR ROLLERS**
See Fans 5P.

**COUNTERS FOR PRESSES**
See Numbering and Counting Devices 5HH.

**COVERED ROLLERS**
See under Rollers 5NN.

**CREASING, CUTTING AND PERFORATING RULE**
See Composing Room 1X.

**CUTTING AND CREASING PRESSES**
See Die Cutting Presses 5M.

**CUTTING, CREASING AND PERFORATING RULE**
See Composing Room 1X.

**CYLINDER AND TYMPAN PACKING 5L**
5L1 Blankets.
5L2 Draw Sheets.
5L3 Tympan Paper.
5L4 Underpacking.
5L5 Tympan Paper Holders.
○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.—5L1, 5L4.
Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.—5L2.
Best, Edward H., & Co., 210 Lincoln St., Boston 5, Mass.—5L1, 5L2.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—5L1, 5L2, 5L3, 5L4.
Carmichael Blanket Co., 1151 Oxford Rd., N.E., Atlanta 6, Ga.—5L1.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—5L1, 5L2, 5L3, 5L4.
Coyne & Paddock, Inc., 40-09—21st St., Long Island City 1, N. Y.—5L1.
Cromwell Paper Co., The, 180 N. Wabash, Chicago 1, Ill.; 1000 Nottingham Way, Trenton, N. J.—5L2, 5L3.
○Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—5L2.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
Goodrich, B. F., Chemical Co., Div. The B. F. Goodrich Co., 3135 Euclid Ave., Cleveland 15, O.—5L1.
Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.—5L1, 5L2, 5L4.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—5L1, 5L4.
Hi-Speed Roller Co., Inc., 3157 Tchoupitoulas St., New Orleans 15, La.—5L1, 5L2, 5L4.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—5L1, 5L4.
House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y.—5L1.
McHugh, J. Thomas, Co., Inc., 31 E. Georgia St., Indianapolis 4, Ind.—5L1.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—5L1, 5L3.
Mitchell-Rand Insulation Co., 51 Murray St., New York, N. Y.—5L3, 5L4.
New England Newspaper Supply Co., 164 Fremont St., Worcester 3, Mass.—5L1, 5L2, 5L3, 5L4.
Paterson Parchment Paper Co., Bristol, Pa.—5L2, 5L3.
Port Huron Sulphite and Paper Co., Port Huron, Mich.—5L2, 5L3.
○Rapid Roller Co., 26th and Federal Sts., Chicago 16, Ill.—5L2, 5L4.
○Reeves Brothers, Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y.—5L1, 5L2, 5L3, 5L4.
Riegel Paper Corp., 260 Madison Ave., New York 16, N. Y.—5L2, 5L3.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.—5L2, 5L3.
○Rouse, H. B., & Co., 2214 North Wayne St., Chicago 14, Ill.—5L5.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.—5L1, 5L2, 5L3, 5L4.
Sorg Paper Co., Middletown, O.—5L2, 5L3.
○Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.—5L1, 5L2, 5L3, 5L4.
Triplet Gauge, 14 Vandewater St., New York 38, N. Y.—5L3.
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.—5L1.

**CYLINDER MAKEREADY SYSTEMS**
See under Overlay Systems 5DD.

**CYLINDER PRESS FEEDERS**
See under Feeding, Folding and Delivery 5Q.

**CYLINDER PRINTING PRESSES**
See under Printing Presses 5LL.

## D

**DATING AND NUMBERING (TYPOGRAPHIC) DEVICES**
See Composing Room 1H.

**DECALCOMANIA INK**
See under Ink 5W.

**DELIVERY, FEEDING AND FOLDING**
See under Feeding, Folding and Delivery 5Q.

**DESKS, FOREMEN'S**
See under Cabinets, Racks and Chairs 5G.

**DIE CUTTING PRESSES 5M**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Brandtjen & Kluge, Inc., 653 Gaultier, St. Paul 3, Minn.
Champlain Company, Inc., Harrison Ave., Roseland, N. J.
○Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.
Dutro, Orville, & Son, Inc., 117 W. Ninth St., Los Angeles 15, Calif.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.
○Heidelberg Automatic Presses (See Manufacturers', Suppliers' and Dealers' Index).
Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.
Kidder Press Co., Inc., 121 Broadway, Dover, N. H.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.
○Miehle Company, The, Div. Miehle-Goss-Dexter, 2011 W. Hastings St., Chicago 8, Ill.
Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.
○New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.
Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.
Potdevin Machine Co., 297 North St., Teterboro, N. J.
Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill.
○Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.
○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.
Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass.
Thomson-National Press Co., Dean Ave., Franklin, Mass.

**DIVIDERS FOR FOUNTAINS**
See under Fountains and Accessories 5S.

**DRAW SHEETS**
See under Cylinder and Tympan Packing 5L.

**DRIERS FOR INKS**
See under Inks 5W.

**DRIVES, CHAIN 5EEE**
○Link-Belt Co., Prudential Plaza, Chicago 1, Ill.
Ramsey Chain Co., Inc., Troy Rd., Albany 4, N. Y.

**DRIVES, VARIABLE SPEED 5KK**
Electric Eye Equipment Co., 1938 E. Fairchild St., Danville, Ill.
Graham Transmissions, Inc., Menomonee Falls, Wis.
○Link-Belt Co., Prudential Plaza, Chicago 1, Ill.
Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.
Oilgear Company, The, 1560 W. Pierce St., Milwaukee 4, Wis.
Reeves Pulley Co., Div. of Reliance Electric & Engineering Co., 1225 Seventh St., Columbus, Ind.
Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.
U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

**DRY COLORS FOR INKS**
See under Inks 5W.

**DRYING RACKS**
See Cabinets, Racks and Chairs 5G.

**DUROMETERS**
See under Gauges and Testing Instruments 5U.

## E

**EDITION MARKER 5XX**
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.

**ELIMINATORS (Floating Powder and Ink Mist) 5FFF**
Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.
Rothlan Corporation, P.O. Box 5074, St. Louis 15, Mo.
Trion, Inc., 1000 Island Ave., McKees Rocks, Pa.

**ELIMINATORS, STATIC**
See under Heaters and Neutralizers 5V.

**EMBOSSING EQUIPMENT 5N**
5N1 Presses.
5N2 Rolls.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—5N1.
Apex Machine Co., 14-13—118th St., College Point 56, N. Y.—5N1.
Champlain Company, Inc., Harrison Ave., Roseland, N. J.—5N1.
○Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.—5N1.
Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.—5N1.
Dietz Machine Works, 126 W. Fountain St., Philadelphia 22, Pa.—5N.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.—5N1.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—5N1.
General Gravure Service Co., 1413 Chestnut Ave., Hillside 5, N. J.—5N2.
Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.—5N1.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—5N1.
○Heidelberg Automatic Presses (See Manufacturers', Suppliers' and Dealers' Index)—5N1.
Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.—5N1.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.—5N1.
Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.—5N1.
OlsenMark Corporation, 124 White St., New York 13, N. Y.
Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.—5N1.
Peerless Roll Leaf Co., Inc., 4511 New York Ave., Union City, N. J.
Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.—5N1.
Simplex Gold Stamping Press Co., 55 W. 42nd St., New York 36, N. Y.—5N1.
Stone, Thos. and Geo. M., Inc., 1413 Chestnut Ave., Hillside 5, N. J.—5N1, 5N2.
Thomson-National Press Co., Dean Ave., Franklin, Mass.—5N1.
Waldron, John, Corp., P.O. Box 791, New Brunswick, N. J.—5N1.

**ENGRAVERS INKS**
See under Inks 5W.

**ENVELOPE BLANK PRESSES**
See under Printing Presses 5LL.

**ENVELOPE MAKING AND PRINTING MACHINERY 5O**
Potdevin Machine Co., 297 North St., Teterboro, N. J.
Smithe, F. L., Machinery Co., Inc., 645 W. 44th St., New York 36, N. Y.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.

**ENVELOPE PRINTING PRESSES**
See under Printing Presses 5LL.

## F

**FANFOLD MACHINES**
See under Feeding, Folding and Delivery 5Q.

**FANFOLD PRINTING PRESSES**
See under Printing Presses 5LL.

**FANS, ROLLER COOLING 5P**
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.

**FEEDING ACCESSORIES AND GAUGE PINS**
See Gauge Pins 5T.

**FEEDING, FOLDING AND DELIVERY 5Q**
5Q1 Bronzer Feeders and Delivery.
5Q2 Circular Letter Folders.
5Q3 Cylinder Press Feeders.
5Q4 Fanfold Machines.
5Q5 Folding Machines.
5Q6 Job Press Feeders.
5Q7 Magazine Folders.
5Q8 Newspaper Folders.
5Q9 Roll Leaf Feeders.
5Q10 Roll Paper Feeders.
5Q11 Specialty Folders.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—5Q4, 5Q5.
○Baum, Russell Ernest, Inc., 1540 Wood St., Philadelphia 2, Pa.—5Q5.
Beall, Jack, Vertical Service, Inc., 641 S. Dearborn St., Chicago 5, Ill.—5Q3.
Berry Machine Co., 716 N. First St., St. Louis 2, Mo.—5Q3.
Brandtjen & Kluge, Inc., 653 Gaultier, St. Paul 3, Minn.—5Q6.
Brown Folding Machine Co., 3771 Chester Ave., Cleveland 14, O.—5Q5.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—5Q5.
○Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.—5Q3, 5Q6.
Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—5Q5.
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.—5Q1, 5Q2, 5Q3, 5Q4, 5Q5, 5Q6, 5Q7, 5Q8, 5Q11.
○Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—5Q3.
Ever Ready Machinists, Inc., 137 W. 19th St., New York 11, N. Y.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—5Q9.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—5Q7, 5Q8.
Griffin, Campbell, Hayes, Walsh, Inc., 50 East 21st St., New York 10, N. Y.—5Q9.
○Hoe, R., & Co., Inc., 910 East 138th St., New York 54, N. Y.—5Q7, 5Q8.
Hudson Sharp Machine Co., Sub. Food Machinery & Equipment Corp., 1201 Main St., Green Bay, Wis.—5Q11.
Levey, Fred'k H., Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.—5Q5.
Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I. Delivery for high-speed presses.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.—5Q5.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.—5Q11.
Modern Equipment Co., Inc., 2011 Cuming St., Omaha 2, Neb.—5Q8.
Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.—5Q7, 5Q8.
○New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.—5Q4.
Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.—5Q10.
Peerless Roll Leaf Co., Inc., 4511 New York Ave., Union City, N. J.—5Q9.
Potdevin Machine Co., 297 North St., Teterboro, N. J.
Rathbun & Bird Co., Inc., The, 379 W. Broadway, New York 12, N. Y.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.—5Q5, 5Q10.
Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass.—5Q11.
Stolp-Gore Co., 123 S. Jefferson St., Chicago 6, Ill.—5Q3, 5Q5, 5Q11.
Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.—5Q6.
Winton Engineering Co., 2353 May St., Cincinnati, O. Stack unloader.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.—5Q7, 5Q8.

**FILE FOLDER PRINTING PRESSES**
See under Printing Presses 5LL.

**FILE FORM PRINTING PRESSES**
See under Printing Presses 5LL.

**FLAT BED PRINTING PRESSES**
See under Printing Presses 5LL.

**FLYING PASTERS FOR PRESSES 5R**
Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St. W., Toronto 1, Ontario, Can.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

**FOLDERS, LETTER**
See under Feeding, Folding and Delivery 5Q.

**FOLDING, FEEDING AND DELIVERY**
See under Feeding, Folding and Delivery 5Q.

**FOREMEN'S DESKS**
See under Cabinets, Racks and Chairs 5G.

**FORM LIFTS**
See Composing Room 1DD.

**FORM TRUCKS**
See under Composing Room 1DD.

**FORM WASHES**
See Composing Room 1FF.

**FOUNTAINS AND ACCESSORIES 5S**
**5S1 Agitators.**
**5S4 Blades.**
**5S2 Dividers.**
**5S3 Fountains, Ink.**
**5S8 Fountains, Water.**
**5S5 Newspaper Color (Portable).**
**5S7 Roller Trucks.**
**5S6 Vibrators.**
**5S9 Water Level Controls.**
Acme Printing Appliance Co., 9455 Seymour Ave., Schiller Park, Ill.—5S2, 5S6.
Aids Development Co., Inc., 16560 Elderdale Dr., Cleveland 30, O.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.—5S2.
Beall, Jack, Vertical Service Inc., 641 S. Dearborn St., Chicago 5, Ill. Double roll device for Verticals.
○Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md.—5S3, 5S5.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—5S6.
Coes Knife Co., 72 Coes St., Worcester 3, Mass.—5S4.
Cowan Pressroom Products, Inc., 1651 Cosmo, Hollywood 28, Calif.—5S7.
○Dayton Rubber Co., The, Dayco Div., 2342 W. Riverview Ave., Dayton 1, O.—5S2.
Diamant Typographic Service, Inc., 140 W. 17th St., New York 11, N. Y. Hand inking device.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.—5S3.
○Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—5S6.
○Gegenheimer, William, Co., Inc., 80 Roebling St., Brooklyn 11, N. Y.—5S1, 5S6, 5S8, 5S9.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—5S1, 5S5.
Graymills Corporation, 3705 N. Lincoln Ave., Chicago 13, Ill.—5S1.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—5S5.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—5S1, 5S4.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—5S5.
○Interchemical Corporation, Printing Ink Div., 47 W. 44th St., New York 36, N. Y.—5S3.
Ohio Knife Co., The, B. & O. Railway and Dreman Ave., Cincinnati 23, O.—5S4.
Ortleb Machinery Co., 3818 Laclede Ave., St. Louis 8, Mo.—5S1.
○Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O. Fountain divider.—5S2.
Rowell, W. Chas., 657 Tenth St., Brooklyn 15, N. Y.—Double roll device for Verticals.
Russell Supply Co., Inc., 80 Washington St., New York 6, N. Y.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.—5S3, 5S5.
Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.—5S3, 5S6.
Yeager Newspaper Machinery Supply Co., P.O. Box 3974, San Juan, Puerto Rico—5S5.

**FRUIT STAMPING PRESSES**
See under Printing Presses 5LL17.

**FURNITURE AND REGLET**
See under Composing Room 1L.

## G

**GAS SHEET HEATERS**
See under Heaters and Neutralizers 5V.

**GAUGE PINS, GUIDES AND FEEDING ACCESSORIES 5T**
Beall, Jack, Vertical Service, Inc., 641 S. Dearborn St., Chicago 5, Ill. Miehle Vertical transfer table.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
Carlson Company, The, 15 Hathaway St., Boston 10, Mass.
○Chambersburg Lumber Co., College and Scotland Aves., Chambersburg, Pa. Feed and load boards.
Gardner Adjustable Quad Guide Co., 389 Northumberland Ave., Redwood City, Calif.
Lance, Chester L., Co., 620 Browder St., Dallas 1, Tex.
Megill, The Edward L., Co., 761 Atlantic Ave., Brooklyn 38, N. Y.
Will-Lo Products, 4518 N. Winchester, Chicago 40, Ill.

**GAUGES AND TESTING INSTRUMENTS 5U**
**5U26 Blanket Thickness Gauge.**
**5U12 Color Fastness to Light (Fadometer).**
**5U25 Color Matching.**
**5U24 Color Printing Control.**
**5U11 Contrastometer.**
**5U28 Densitometer.**
**5U17 Depthometer.**
**5U1 Durometer.**
**5U19 Halftone Dot Microscope.**
**5U23 Impression.**
**5U27 Ink Drying Timer.**
**5U18 Inkometer.**
**5U16 Moisture.**
**5U2 Paper.**
**5U3 Paper Strength and Thickness Gauges and Paper Sheet Scales.**
**5U15 pH Slide Comparator.**
**5U4 Plate.**
**5U22 Plate Pre-register Device.**
**5U10 Press Test Blocks.**
**5U5 Roller Setting.**
**5U6 Scleroscope.**
**5U14 Sheet Register.**
**5U13 Slug.**
**5U7 Stroboscope.**
**5U8 Tachometer.**
**5U9 Type-High.**
**5U20 Surface Pyrometer.**
**5U21 Vibration Meter.**
Alemite Div., Stewart - Warner Corp., 1826 Diversey Pkwy., Chicago 14, Ill.—5U8.
○Alico, Incorporated, Montague, Mass.—5U4, 5U5, 5U9, 5U13, 5U26.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Amthor Testing Instrument Co., Inc., 45 Van Sinderen Ave., Brooklyn 7, N. Y.—5U3, 5U8.
Bausch & Lomb Optical Co., 651 St. Paul St., Rochester 2, N. Y.—5U25.
Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—5U8, 5U16.
Brown & Sharpe Mfg. Co., 230 Promenade St., Providence 1, R. I.—5U2, 5U9.
○Cambridge Instrument Co., Inc., 3546 Grand Central Terminal, New York 17, N. Y.—5U15, 5U16, 5U20.
Cameron Machine Co., Franklin Rd., Dover, N. J.—5U7.
○Champlain Company, Inc., Harrison Ave., Roseland, N. J.—5U7.
Crown Engineering and Sales Co., 421 Hill St., Harrison, N. J.—5U25.
Gaebel, Arthur H., Inc., P.O. Box 3, Larchmont, N. Y.—5U17.
Gardner Laboratory, Inc., P.O. Box 5728, Bethesda 14, Md.—5U18.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.—5U7.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
General Radio Co., 22 Baker Ave., West Concord, Mass.—5U7, 5U21.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—5U9.
Hart Moisture Gauges, Inc., 126 Liberty St., New York 6, N. Y.—5U16.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—5U4, 5U9.
Huck Company, 72 W. 45th St., New York 36, N. Y.—5U22, 5U23, 5U27.
○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 18, N. Y.—5U26.
M & L Typesetting & Electrotyping Co., 4001 Ravenswood Ave., Chicago 13, Ill.—5U10.
○Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.—5U12.
Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.—5U28.
Metron Instrument Co., 432 Lincoln St., Denver 3, Colo.—5U8.
Minden Paper Gauge Co., Inc., 230 W. 41st St., New York 36, N. Y.—5U2, 5U3.
National Laboratories & Mfg. Co., 112 Greenwood Ave., Midland Park, N. J.—5U7.
Nolan Machinery Co., Port St., Pulaski, N. Y.—5U9.
Perkins, B. F., & Son, Inc., P.O. Box 388, Holyoke, Mass.—5U2.
○Pioneer-Toledo Corporation, 1130 Nebraska Ave., Toledo 7, O.—5U4.
Potdevin Machine Co., 297 North St., Teterboro, N. J.—5U7.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—5U8.
Pyrometer Instrument Co., 92 Portland Ave., Bergenfield, N. J.—5U20.
Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.—5U8.
Starrett, L. S., Co., Crescent St., Athol, Mass.—5U2.
Sticht, Herman H., Co., Inc., 27 Park Pl., New York 7, N. Y.—5U8.
Taylor, W. A., & Co., 7300 York Rd., Baltimore 4, Md.—5U15.
Taylor Machine Co., 1713 S. Clinton St., Baltimore 24, Md.—5U22.
Testing Machines Inc., 72 Jericho Turnpike, Mineola, L. I., N. Y.—5U1, 5U2, 5U3.
Ti-Pi Company, 1000 Broadway, Kansas City 5, Mo.—5U9.
Triplet Gauge, 14 Vandewater St., New York 38, N. Y.—5U4.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—5U2, 5U4, 5U5, 5U9, 5U10, 5U13.
Walton Laboratories, Inc., 1186 Grove St., Irvington 11, N. J.—5U16.
Webb Machine Works, 1252 Dalzell St., Shreveport, La.—5U23.
Welch, W. M., Mfg. Co., 1515 Sedgwick St., Chicago 10, Ill.—5U27.
Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—5U8, 5U11, 5U16. Photographic analyzer.
Zernickow, O., Co., 15 Park Row, New York 38, N. Y.—5U8.

**GLASSES FOR REDUCING AND MAGNIFYING**
See Magnifiers and Reducers 5BB.

**GLOSS INKS**
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**GRAVURE INKS**
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**GRAVURE PRINTING PRESSES**
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**GRINDING EQUIPMENT FOR RUBBER ROLLERS**
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**GRIPPERS**
See Gauge Pins 5T.

**GUARDS, SAFETY**
See Safety Guards 5QQ.

**GUIDES**
See under Gauge Pins, Guides and Feeding Accessories 5T.

## H

**HAND PRINTING PRESSES**
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**HEATERS AND NEUTRALIZERS 5V**
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**5V1 Heaters.**
**5V2 Neutralizers.**
**5V6 Ovens.**
**5V3 Static Tinsel.**
**5V5 Steam Drums.**
**5V7 Water Spray.**
Acme Printing Appliance Co., 9455 Seymour Ave., Schiller Park, Ill.—5V1.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J. —5V1, 5V2.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Champlain Company, Inc., Harrison Ave., Roseland, N. J.—5V1.
○Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O. —5V1.
Continental Printing Equipment Co., 1402 N. Western Ave., Chicago 22, Ill.—5V3.
○Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—5V1, 5V2.
Dryer Electric Corp., 111 Bedford Ave., Brooklyn 11, N. Y.—5V1.
Economy Printers Products Co., 609 LaSalle St., Chicago 5, Ill. —5V2, 5V3.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
○Herbert Products, Inc., 74-32 Jamaica Ave., Woodhaven 21, N. Y.—5V1, 5V2, 5V4, 5V6.
Hewson Company, Inc., The, 443 Broad St., Newark 2, N. J.—5V2.
Lance, Chester L., Co., 620 Browder St., Dallas 1, Tex.
Levey, Fred'k H., Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.—5V1, 5V4, 5V5.
Master Appliance Corp., 1745 Flett Ave., Racine, Wis.—5V4.
Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I. Static eliminating bar.
Midwest Printers Supply, 1209 Sycamore, Cincinnati 10, O.—5V3.
Miskella Infra-Red Co., E. 73rd and Grand Ave., Cleveland 4, O.
○Portland Company, The, 60 Fore St., Portland 6, Me.—5V2.
Potdevin Machine Co., 297 North St., Teterboro, N. J.—5V2.
Rathbun & Bird Co., Inc., The, 379 W. Broadway, New York 12, N. Y.—5V6.
Selas Corp. of America, Dresher, Pa.—5V1, 5V6.
○Simco Company, The, 920 Walnut St., Lansdale, Pa.—5V1, 5V2.
Static Eliminator Co., 239 Centre St., New York 13, N. Y.—5V1, 5V2.
○Statikil, 1220 W. Sixth St., Cleveland 13, O.—5V2.
Sticht, Herman H., Co., Inc., 27 Park Pl., New York 7, N. Y.—5V2.
Takk Corporation, P.O. Box 346, Newark, O.—5V2.
United States Radium Corp., Morristown, N. J.—5V2.
Utility Heater Co., 239 Centre St., New York 13, N. Y.—5V1, 5V2.
Vapo Systems Co., 130-32 W. Home Ave., Villa Park, Ill.—5V7.
Western Brush Co., Inc., 219 S. Western Ave., Chicago 12, Ill. —5V2.
Wolfer Printers Supply, Inc., 1221 Maple Ave., Los Angeles 15, Calif.—5V1.

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**HUMIDITY INDICATORS**
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## I

**INDEX CARD PRINTING PRESSES**
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**INK AGITATORS**
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**INK AND AIR PUMPS**
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See under Cabinets, Racks and Chairs 5G.

**INK KNIVES**
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**INK MILLS AND MIXERS 5X**
Day, The J. H., Co., Div. of Cleveland Automatic Machine Co., 4932 Beech St., Cincinnati 12, O.
Morehouse-Cowles, Incorporated, 1150 San Fernando Rd., Los Angeles 65, Calif.
Read Standard Corp., Div. Capitol Products, York, Pa.
Ross, Charles, & Son Co., 148 Classon Ave., Brooklyn 5, N. Y.
Troy Engine & Machine Co., 739 Parsons St., Troy, Pa.
United Printing Ink Laboratories, Inc., 1940 E. Letterly St., Philadelphia 25, Pa.

**INK OXIDIZERS**
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**INK PUMPS**
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**INK REDUCERS**
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**INK VIBRATORS FOR ROLLERS**
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**5W2 Driers.**
**5W3 Dry Colors.**
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**5W26 Plastic.**
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**5W29 Silk Screen.**
**5W28 Sizers.**
**5W11 Specialty.**
**5W30 Steel and Copperplate.**
**5W17 Transfer.**
**5W13 Varnish.**
**5W14 Water Color.**
Acheson Dispersed Pigments Co., 1421 Chestnut St., Philadelphia 2, Pa.—5W3, 5W5, 5W6, 5W8, 5W26, 5W27, 5W29, 5W31.
Apex Machine Co., 14-13—118th St., College Point 56, N. Y.—5W11, 5W15, 5W26.
Atlantic Powdered Metals, Inc., 38 Park Row, New York 38, N. Y.—5W1.
Atlas Silk Screen Supply Co., 1733 Milwaukee Ave., Chicago 47, Ill.—5W29.
Bensing Bros. and Deeney, Sub. of Sun Chemical Corp., 3301 Hunting Park Ave., Philadelphia 29, Pa.—5W2, 5W5, 5W6, 5W8, 5W11, 5W18.
Binney and Smith Co., 308 Madison Ave., New York 17, N. Y. —5W3, 5W13.
Bowers Printing Ink Co., 2655 W. Irving Park Rd., Chicago 18, Ill.—5W2, 5W6, 5W7, 5W8, 5W10, 5W11, 5W12, 5W13, 5W15, 5W16, 5W19, 5W20, 5W23, 5W27.
Braden Sutphin Ink Co., The, 3650 E. 93rd St., Cleveland 5, O.—5W2, 5W6, 5W7, 5W8, 5W13 5W14, 5W25.
Braznell Company, 5215 Manchester Ave., St. Louis 10, Mo. —5W2, 5W5, 5W6, 5W8, 5W13.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W9, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W16, 5W17, 5W18, 5W19, 5W20, 5W21, 5W22, 5W23, 5W24, 5W25, 5W26, 5W27, 5W29, 5W30, 5W31.
Canada Printing Ink Co., Ltd., Brockhouse Rd., Etobicoke, Box 265, Postal Station N, Toronto 14, Ont., Can.—5W6, 5W8, 5W11.
Capitol Printing Ink Co., Inc., 806 Channing Pl., N. E., Washington 18, D. C.—5W2, 5W6, 5W7, 5W8, 5W10, 5W13, 5W15, 5W22.
Carlson, John P., Inc., 420 Carroll St., Brooklyn 15, N. Y.—5W6, 5W7, 5W8, 5W12, 5W13, 5W14, 5W15.
○Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.—5W13, 5W32.
Cleveland Printing Ink Co., Inc., 1260 W. Fourth St., Cleveland 13, O.—5W1, 5W2, 5W6, 5W7, 5W8, 5W10, 5W11, 5W15, 5W19, 5W27, 5W31.
Colora Printing Inks, Inc., 42-12 —35th Ave., Long Island City 1, N. Y.—5W18.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—5W6, 5W31.
Crescent Ink & Color Co. of Pa., Inc., 464 N. Fifth St., Philadelphia 23, Pa.—5W2, 5W5, 5W6, 5W8, 5W13, 5W18.
Cronite Company, Inc., 8070 Hudson Blvd., North Bergen, N. J. —5W1, 5W4, 5W11.
Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—5W2, 5W8, 5W10, 5W12, 5W13, 5W27.
Driscoll, Martin, & Co., 610 S. Federal St., Chicago 5, Ill.—5W2, 5W5, 5W6, 5W7, 5W8, 5W10, 5W11, 5W13, 5W18, 5W27, 5W29.
Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del. —5W10, 5W13.
Embossograph Process Co., Inc., 3720—14th Ave., Brooklyn 18, N. Y.—5W7, 5W11, 5W22, 5W27.
Empire Type Foundry, 55 N. Main St., Delevan, N. Y.—5W31.
○Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.—5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W9, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W16, 5W17, 5W18, 5W20, 5W27, 5W28.
Forbes Ink, Inc., 2249 Elm St., N.W., Cleveland 13, O.—5W2, 5W6, 5W7, 5W8, 5W10, 5W11, 5W12, 5W15, 5W16, 5W17, 5W18, 5W19, 5W25.
Gaetjens, Berger & Wirth, Inc., 35 York St., Brooklyn 1, N. Y. —5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W9, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W18, 5W19, 5W27.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.—5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W16, 5W17, 5W18, 5W20, 5W22, 5W23, 5W24, 5W27, 5W28, 5W31.
Gold Leaf and Metallic Powders, Inc., 145 Nassau St., New York 38, N. Y.—5W1.
Gotham Ink & Color Co., 5-19—47th Ave., Long Island City 1, N. Y.—5W5, 5W18.
Graphic Chemical & Ink Co., 714 N. Ardmore Ave., Villa Park, Ill.—5W6, 5W8, 5W10, 5W27, 5W30.
Handschy, A. E., Co., 2525 N. Elston Ave., Chicago 47, Ill.—5W2, 5W6, 5W7, 5W8, 5W12, 5W13.
Herrick, Wm. C., Ink Co., Inc., One Maple St., East Rutherford, N. J.—5W2, 5W6, 5W7, 5W8, 5W11, 5W12, 5W13, 5W14, 5W15, 5W16, 5W17, 5W18, 5W20, 5W22, 5W27, 5W28.
Hill-Hentschel Company, 3928 Clayton Ave., St. Louis 10, Mo.—5W2, 5W4, 5W5, 5W6, 5W7, 5W8, 5W13, 5W18, 5W20, 5W22, 5W23.
Hoeffler, J., & Co., 100 Sixth Ave., New York 13, N. Y.—5W2, 5W6, 5W8, 5W12.
Huber, J. M., Corp., 1478 Chestnut Ave., Hillside, N. J.—5W1, 5W2, 5W3, 5W5, 5W6, 5W7, 5W8, 5W10, 5W12, 5W13, 5W15, 5W18, 5W20, 5W22, 5W23, 5W31.
Inco Company, The, 2372 W. Seventh St., Cleveland 13, O.—5W2, 5W6, 5W7, 5W8, 5W12, 5W13, 5W15, 5W19, 5W27.
Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.—5W2, 5W10, 5W32.
○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.—5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W9, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W16, 5W17, 5W18, 5W19, 5W20, 5W22, 5W23, 5W26, 5W27, 5W28, 5W29, 5W31.
Kohl and Madden Printing Ink Corp., 1132 S. Jefferson St., Chicago 7, Ill.—5W2, 5W6, 5W7, 5W8, 5W13, 5W26, 5W27, 5W32.
Lawter Chemicals, Inc., 3550 Touhy Ave., Chicago 45, Ill.—5W13, 5W19.
Levey, Fred'k H., Co., Inc., Printing Ink Div., 380 Madison Ave., New York 17, N. Y.—5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W9, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15.
Markem Machine Co., 150 Congress St., Keene, N. H.—5W11.
McCutcheon Bros. & Quality, Inc., 2653 N. Reese St., Philadelphia 33, Pa.—5W2, 5W6, 5W8, 5W13, 5W23.
Mercury Printing Ink Corp., 41 Dundee Ave., Paterson 3, N. J. —5W2, 5W6, 5W8, 5W13.
Morrill, George H., Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.—5W5, 5W6, 5W8, 5W13, 5W14.
Morrison Printing Ink Co., The, 1051 Power Ave., Cleveland 14, O.—5W6, 5W8.
OlsenMark Corporation, 124 White St., New York 13, N. Y.—5W11.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y. —5W2, 5W7, 5W8, 5W12, 5W13, 5W15.
Pope & Gray, Inc., 17 Industrial West, Allwood, Clifton, N. J.—5W1, 5W2, 5W4, 5W6, 5W7, 5W8, 5W10, 5W12, 5W13, 5W15, 5W19, 5W22, 5W23, 5W28.
Prescott, H. S., 95 Nursery St., Springfield 4, Mass.—5W6, 5W8, 5W11, 5W14.
Roberts, Lewis, Inc., 72 Union St., Newark 5, N. J.—5W2, 5W6, 5W8, 5W17, 5W18.
Roosen, H. D., Co., Div. of Columbian Carbon Co., 380 Madison Ave., New York 17, N. Y. —5W1, 5W2, 5W3, 5W5, 5W6, 5W7, 5W8, 5W10, 5W11, 5W13.
Rothlan Corporation, P.O. Box 5074, St. Louis 15, Mo.—5W32.
Siebold, J. H. & G. B., Inc., 150 Varick St., New York 13, N. Y. —5W2, 5W6, 5W7, 5W8, 5W13, 5W14.
○Sinclair & Carroll Co., Inc., 440 W. Superior, Chicago 10, Ill.—5W6, 5W8, 5W31.
Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y. —5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W9, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W18, 5W19, 5W22, 5W23, 5W26, 5W29.
Sleight & Helmuth, Inc., 900 S. Clinton St., Chicago 7, Ill.—5W2, 5W6, 5W8, 5W13, 5W18, 5W32.
Steel City Printing Ink Co., 281 Corliss St., Pittsburgh 20, Pa. —5W4, 5W6, 5W8, 5W11, 5W13, 5W22, 5W23, 5W26, 5W27, 5W30.
Sun Oil Co., 1608 Walnut St., Philadelphia 3, Pa.—5W6.
Switzer Brothers, Inc., 4732 St. Clair Ave., Cleveland 3, O.—5W5, 5W6, 5W8, 5W19, 5W29.
Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.—5W1, 5W2, 5W4, 5W5, 5W6, 5W7, 5W8, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W16, 5W22, 5W23, 5W27, 5W28.
United Printing Ink Laboratories, Inc., 1940 E. Letterly St., Philadelphia 25, Pa.—5W1, 5W2, 5W6, 5W7, 5W8, 5W13, 5W27.
U. S. Printing Ink Corp., 66 Industrial Ave., Little Ferry, N. J.—5W2, 5W4, 5W6, 5W8, 5W10, 5W11, 5W12, 5W13, 5W15, 5W20, 5W23, 5W27, 5W31.
Virkotype Corporation, 111 Rock Ave., Plainfield, N. J.—5W7, 5W11, 5W27.
Wax Refining Co., 2001 S. California Ave., Chicago 8, Ill.—5W10, 5W27.
Winslow Ink Corp., 104 Greene St., New York 12, N. Y.—5W2, 5W6, 5W7, 5W8, 5W10, 5W13, 5W22, 5W27.

**INSERTER, TAB OR TICKET**
See under Numbering and Counting Devices 5HH.

**INSETTERS, PREPRINTED 5HHH**
Crosfield Electronics, Inc., 47 New York Ave., Westbury, N. Y.

**INTAGLIO PRINTING INKS**
See under Inks 5W.

**INVERTER, PILE**
See under Pile Inverter 5SS.

## J

**JOB PRESS FEEDERS**
See under Feeding, Folding and Delivery 5Q.

**JOB PRINTING PRESSES**
See under Printing Presses 5LL.

**JOGGER BOXES 5Y**
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.

**JOGGING MACHINES 5Z.**
Abrams, The M. L., Co., 1841 Prospect Ave., Cleveland 15, O.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Brackett Stripping Machine Co., 505 Jackson St., Topeka, Kan.
Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.
Dollahite, K. J., Co., 106 W. 15th St., Ft. Worth 2, Tex.
Evans Specialty Co., Inc., 2401 Venable St., Richmond 23, Va.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
Packer Manufacturing Co., 1222 Yelp Ave., Green Bay, Wis.
Scheinker, Ilya, Mechanical Engineering, 35 Great Jones St., New York 12, N. Y.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.
Stolp-Gore Co., 123 S. Jefferson St., Chicago 6, Ill.
Syntron Company, 577 Lexington Ave., Homer City, Pa.
Universal Jogger Co., 322 S. Fourth St., Minneapolis 15, Minn.

## K

**KNIVES (Blades) FOR FOUNTAINS**
See under Fountains and Accessories 5S.

**KNIVES, INK**
See under Tools 5TT.

**KNIVES, MAKEREADY**
See under Tools 5TT.

**KNIVES, OVERLAY**
See under Tools 5TT.

## L

**LABEL PRINTING PRESSES**
See under Printing Presses 5LL.

**LETTER FOLDERS**
See under Feeding, Folding and Delivery 5Q.

**LETTERPRESS INKS**
See under Inks 5W.

**LIFTS FOR FORMS**
See Composing Room 1DD.

**LIFTS, PAPER AND TIERING MACHINES**
See Paper Cutting and Processing 4D.

**LIGHTING UNITS**
See Composing Room 1GG.

**LINE-UP AND REGISTER TABLES**
See Composing Room 1P.

**LOCKERS, CLOTHING**
See Composing Room 1OO.

**LOCKUP ACCESSORIES, CHASES AND QUOINS**
See Composing Room 1F.

**LUBRICATING EQUIPMENT AND SUPPLIES 5AA**
Albany Grease Co., Linden, N. J.
Alemite Div., Stewart - Warner Corp., 1826 Diversey Pkwy., Chicago 14, Ill.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Bijur Lubricating Corp., 151 W. Passaic St., Rochelle Park, N. J.
Bowser, Incorporated, 1302 E. Creighton Ave., Ft. Wayne 2, Ind.
○Cook's, Adam, Sons, Inc., 5 N. Stiles St., Linden, N. J.
Lubriplate Division, Fiske Brothers Refining Co., 129 Lockwood St., Newark 5, N. J.
National Baling Press & Equipment Co., 1071 E. 48th St., Brooklyn 34, N. Y.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.
Rothlan Corporation, P.O. Box 5074, St. Louis 15, Mo.
Sol-Dor Company, The, P.O. Box 585, Athens, O.
Sun Oil Co., 1608 Walnut St., Philadelphia 3, Pa.
Whitmore Manufacturing Co., The, 3816 Iron Court, Cleveland 4, O.

## M

**MAGAZINE AND NEWSPAPER CONVEYORS**
See Conveyors 5J.

**MAGAZINE FOLDERS**
See under Feeding, Folding and Delivery 5Q.

**MAGAZINE PRESS REELS AND TENSIONS**
See Paper Reels and Tensions 5GG.

**MAGAZINE PRINTING PRESSES**
See under Printing Presses 5LL.

**MAGNIFIERS AND REDUCERS 5BB**
Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y.
Bache, Semon, & Co., 636 Greenwich St., New York 14, N. Y.
Bausch & Lomb Optical Co., 651 St. Paul St., Rochester 2, N. Y.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Douthitt Corporation, 680 E. Fort St., Detroit 26, Mich.
Mark Specialty Co., 183 St. Paul St., Rochester 4, N. Y.
Ortleb Machinery Co., 3818 Laclede Ave., St. Louis 8, Mo.
Zeiss, Carl, Inc., 485 Fifth Ave., New York 17, N. Y.

**MAKEREADY KNIVES**
See under Tools 5TT.

**MAKEREADY PASTE**
See under Adhesives 5A.

**MAKEREADY SYSTEMS 5DD**
Cantine, Martin, Co., Saugerties, N. Y.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.
OlsenMark Corporation, 124 White St., New York 13, N. Y.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.
Winton Engineering Co., 2353 May St., Cincinnati, O.—Sheet mark-up and inspection table.

**MATCH BOOK COVER PRINTING PRESSES**
See under Printing Presses 5LL.

**METALLIC INKS**
See under Inks 5W.

**MICROMETERS**
See under Gauges and Testing Instruments 5U also under Gauges 1N.

**MILLS, INK**
See Ink Mills 5X.

**MOTORS AND CONTROLS 5CC**
○Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Monitor Controller Div., Industrial Electronics Co., Inc., 99 Grove St., Rockland, Mass.
Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.
Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.
Tri-Par Controls, 9353 Seymour Ave., Schiller Park, Ill.
U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

**MOUNTING SYSTEMS FOR PLATES**
See Composing Room 1U.

**MULTIPLE BILLING PRESSES**
See Printing Presses 5LL.

## N

**NEUTRALIZERS FOR PRESSES**
See under Heaters and Neutralizers 5V.

**NEWS INK, ROTARY PRESS**
See under Ink 5W.

**NEWSPAPER AND MAGAZINE CONVEYORS**
See Conveyors 5J.

**NEWSPAPER FOLDERS**
See under Feeding, Folding and Delivery 5Q.

**NEWSPAPER PORTABLE COLOR FOUNTAINS**
See under Fountains and Accessories 5S.

**NEWSPAPER PRESS REELS AND TENSIONS**
See Paper Reels and Tensions 5GG.

**NEWSPAPER PRINTING PRESSES**
See under Printing Presses 5LL.

**NEWSPRINT TRUCKS**
See under Trucks 5UU.

**NON-RETURNABLE CORE CHUCKS**
See Chucks 5H.

**NUMBERING AND COUNTING DEVICES 5HH**
**5HH1 Inserter, Tab or Ticket.**
**5HH2 Numbering Machine, Rotary Press.**
**5HH3 Press Counters.**
**Also see Composing Room 1H.**
American Numbering Machine Co., Atlantic and Shepherd Aves., Brooklyn 8, N. Y. — 5HH1, 5HH2.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Ameurope, Incorporated, 535 Communipaw Ave., Jersey City 4, N. J.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—5HH2.
Counter and Control Corp., 4503 W. Brown Deer Rd., Milwaukee, Wis.—5HH1, 5HH3.
Durant Manufacturing Co., 1988 N. Buffum St., Milwaukee 1, Wis.—5HH3.
Electronic Products Div., Post Machinery Co., 150 Elliott St., Beverly, Mass.—5HH3.
○Force, Wm. A., & Co., Inc., 216 Nicholas Ave., Brooklyn 8, N. Y.—5HH2.
Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I. —5HH1.
Miller Lauffer Printing Equipment Corp., 280 Lafayette St., New York, N. Y.—5HH1, 5HH3.
National Numbering Machine Co., Inc., 42-25 Ninth St., Long Island City 1, N. Y.
Photoswitch Division, Electronics Corp. of America, Cambridge 42, Mass.
Potter Instrument Co., Inc., 115 Cutter Mill Rd., Great Neck, L. I., N. Y.—5HH3.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—5HH2.
○Radio Corp. of America, Industrial Electronic Products Corp., Front and Cooper, Camden, N. J.—5HH2.
Redington, F. B., Co., 3000 St. Charles Rd., Bellwood, Ill. — 5HH3.
Roberts Numbering Machine Div., Heller Roberts Mfg. Corp., 700 Jamaica Ave., Brooklyn 8, N. Y.—5HH2.
Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.
Veeder-Root, Inc., 70 Sargeant St., Hartford 2, Conn.—5HH3.
○Wetter Numbering Machine Co., Atlantic Ave. and Logan St., Brooklyn 8, N. Y. — 5HH1, 5HH2, 5HH3.

## O

**OFFSET INKS**
See under Inks 5W.

**OFFSET BLANKETS**
See under 2D Offset Index.

**OFFSET PREVENTING EQUIPMENT 5EE**
**5EE3 Dry Powder Devices.**
**5EE1 Spray Gun Liquid.**
**5EE2 Spray Solutions.**
**5EE4 Spray Scanners.**
Acme Gear & Machine Co., Seventh and Wood Sts., Philadelphia 6, Pa.—5EE1, 5EE2.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—5EE1, 5EE2, 5EE3.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y. —5EE2.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif. — 5EE1, 5EE2, 5EE3, 5EE4.
Craig Corporation, 143 W. 20th St., New York 11, N. Y.—5EE3.
○Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—5EE2.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
H. & H. Products, 1930 S. State St., Chicago 16, Ill.—5EE3.
International Dry Spray Corp., 13 E. 19th St., New York 3, N. Y.—5EE2, 5EE3.
Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y. —5EE2.
Offen, B., & Co., 29 E. Madison St., Chicago 2, Ill.
Ortman-McCain Company, 1330 W. Washington Blvd., Chicago 7, Ill.—5EE1, 5EE2, 5EE3.
Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill. —5EE1, 5EE2, 5EE3.
Paasche Airbrush Co., Div. Cline Electric Mfg. Co., 1909 Diversey Parkway, Chicago 14, Ill. —5EE1, 5EE2.
Pneuma-Flo Systems, Inc., 141 W. 20th St., New York 11, N. Y.—5EE2, 5EE3.
Press Filter Co., 848 N. Crescent Hts. Blvd., Los Angeles 46, Calif.—5EE3.
○Simco Company, The, 920 Walnut St., Lansdale, Pa.
Static Eliminator Co., 239 Centre St., New York 13, N. Y.
Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y. —5EE2, 5EE3.
Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.—5EE2.
United Printing Ink Laboratories, Inc., 1940 E. Letterly St., Philadelphia 25, Pa. 5EE2.
Utility Heater Co., 239 Centre St., New York 13, N. Y.
Wax Refining Co., 2001 S. California Ave., Chicago 8, Ill.—5EE2.
Winton Engineering Co., 2353 May St., Cincinnati, O.—5EE3.

**OFFSET PRINTING PRESSES**
See under Printing Presses 5LL.

**OFFSET ROLLERS**
See under Rollers 5NN.

**OILING SYSTEMS AND SUPPLIES**
See Lubricating Equipment 5AA.

**OVERLAY KNIVES**
See under Tools 5TT.

**OVERLAY SYSTEMS**
See under Makeready Systems 5DD.

**OXIDIZERS, INK**
See under Heaters and Neutralizers 5V.

## P

**PACKING FOR TYMPANS**
See under Cylinder and Tympan Packing 5L.

**PAPER BALERS**
See Waste Paper Balers 8L.

**PAPER CLEANERS 5AAA**
○Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.
Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.

**PAPER CONDITIONING**
See under Miscellaneous 8A.

**PAPER GAUGES**
See under Gauges and Testing Instruments 5U.

**PAPER LIFTS AND TIERING MACHINES**
See Paper Cutting and Processing 4D.

**PAPER REELS AND TENSIONS (FOR NEWSPAPER AND MAGAZINE PRESSES) 5GG**
Cameron Machine Co., Franklin Rd., Dover, N. J.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

**PAPER ROLL TRUCKS**
See under Trucks 5UU.

**PAPER SHEET SCALES**
See under Gauges and Testing Instruments 5U.

**PAPER SHEET SIZE TESTER**
See Gauges and Testing Instruments 5U.

**PAPER STRENGTH GAUGES**
See under Gauges and Testing Instruments 5U.

**PAPER STRETCH GAUGES**
See under Gauges and Testing Instruments 5U.

**PAPER THICKNESS GAUGES**
See under Gauges and Testing Instruments 5U.

**PAPER TIERING TRUCKS**
See under Paper Cutting and Processing 4D.

**PAPER TYMPANS**
See under Cylinder and Tympan Packing 5L.

**PASTE FOR MAKEREADY**
See under Adhesives 5A.

**PASTERS, FLYING, FOR PRESSES**
See Flying Pasters 5R.

**PATENT ROLLERS**
See under Rollers 5NN.

**PENCIL PRINTING PRESSES**
See under Printing Presses 5LL.

**PERFORATING, CREASING AND CUTTING RULE**
See Composing Room 1X.

**PERFORATING, SLITTING AND SCORING ATTACHMENTS 5FF**
Acme Printing Appliance Co., 9455 Seymour Ave., Schiller Park, Ill.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Beall, Jack, Vertical Service, Inc., 641 S. Dearborn St., Chicago 5, Ill.
Boyd, H. S., Co., 6915 E. 14th St., Tulsa, Okla.
Brackett Stripping Machine Co., 505 Jackson St., Topeka, Kan.
Cowan Pressroom Products, Inc., 1651 Cosmo, Hollywood 28, Calif.
Davidson Perforator Co., 319 Main St., East Berlin, Conn.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.
○New Era Mfg. Co., The, 233 Central Ave., Hawthorne, N. J.
Ortleb Machinery Co., 3818 Laclede Ave., St. Louis 8, Mo.
Preferred Pressroom Products, Inc., 119 Foster St., Peabody, Mass.

**PILE INVERTER 5SS**
Abrams, The M. L., Co., 1841 Prospect Ave., Cleveland 15, O.
Busch, J. C., Co., 17 W. 54th St., New York 19, N. Y.
Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.
○Roto-Verter, P.O. Box 9206, Birmingham 13, Ala.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.

**PLANOGRAPHIC INKS**
See under Inks 5W.

**PLATE GAUGES**
See under Gauges and Testing Instruments 5U.

**PLATE MOUNTING SYSTEMS**
See Composing Room 1U.

**PLATEN PRINTING PRESSES**
See under Printing Presses 5LL.

**PLATE PRINTING INKS**
See under Inks 5W.

**PLATE TRUCKS**
See under Platemaking 2G.

**PORTABLE CLEANING BLOWERS**
See Composing Room 1D.

**PORTABLE COLOR FOUNTAINS, NEWSPAPER**
See under Fountain and Accessories 5S.

**POWDERS, BRONZE**
See under Inks 5W.

**POWDERS FOR BRONZING**
See Inks 5W.

**POWDERS FOR RAISED LETTER PRINTING**
See Raised Letter Printing Machines 5MM.

**PRESS BLANKETS**
See under Cylinder and Tympan Packing 5L.

**PRESS BRAKES**
See Brakes for Presses 5E.

**PRESS COUNTERS**
See under Numbering and Counting Devices 5HH.

**PRESSES, DIE CUTTING**
See Die Cutting Presses 5M.

**PRESSES, EMBOSSING**
See Embossing Presses and Equipment 5N.

**PRESS LUBRICATING EQUIPMENT AND SUPPLIES**
See Lubricating Equipment 5AA.

**PRESS PUNCHES**
See Composing Room 1KK.

**PRESS SPEED INDICATORS**
See under Gauges and Testing Instruments 5U.

**PRINTING PRESS BEARINGS**
See Bearings 5C.

**PRINTING PRESS MOTORS**
See Motors and Controls 5CC.

**PRINTING PRESSES 5LL**
**5LL 1 Automatic.**
**5LL 2 Bag.**
**5LL 3 Imprinting.**
**5LL 4 Bottle Cap.**
**5LL57 Business Form.**
**5LL 5 Card.**
**5LL 6 Carton.**
**5LL 8 Check.**
**5LL 7 Color.**
**5LL58 Container.**
**5LL47 Continuous Form.**
**5LL 9 Cylinder.**
**5LL56 Dry Offset.**
**5LL10 Envelope.**
**5LL11 Envelope Blank.**
**5LL12 Fanfold.**
**5LL59 File Card.**
**5LL13 File Folder.**
**5LL14 File Form.**
**5LL15 Flat Bed.**
**5LL46 Flexographic (Aniline)**
**5LL16 Form Letter.**
**5LL17 Fruit Stamping.**
**5LL18 Gravure (Sheet Fed).**
**5LL19 Hand.**
**5LL20 Index Card.**
**5LL21 Job.**
**5LL22 Label.**
**5LL23 Lithographic.**
**5LL24 Magazine.**
**5LL44 Makeready.**
**5LL51 Match Book Cover.**
**5LL48 Multiple Billing.**
**5LL25 Newspaper.**
**5LL60 Odd Shaped Objects.**
**5LL26 Offset.**
**5LL27 Pencil.**
**5LL45 Photogelatin.**
**5LL28 Platen.**
**5LL29 Register Form.**
**5LL30 Roll Feed.**
**5LL31 Roll Form.**
**5LL32 Rotary.**
**5LL33 Rotogravure.**
**5LL52 Rubber Plate.**
**5LL34 Sales Book.**
**5LL54 Screen Process.**
**5LL35 Sheet Feed.**
**5LL53 Shirt Band.**
**5LL49 Snapout.**
**5LL36 Specialty.**
**5LL37 Tag.**
**5LL38 Tape.**
**5LL39 Ticket.**
**5LL40 Tin and Other Metal Plate.**
**5LL55 Two-Process.**
**5LL50 Typewriter Ribbon Attachment for Platen Presses.**
**5LL41 Vertical.**
**5LL42 Web.**
**5LL43 Wrapper.**

Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.—5LL1, 5LL26, 5LL35.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—5LL1, 5LL3, 5LL5, 5LL6, 5LL7, 5LL8, 5LL9, 5LL10, 5LL12, 5LL14, 5LL15, 5LL18, 5LL19, 5LL21, 5LL22, 5LL23, 5LL24, 5LL25, 5LL26, 5LL28, 5LL29, 5LL30, 5LL31, 5LL32, 5LL33, 5LL34, 5LL35, 5LL36, 5LL42, 5LL43, 5LL46, 5LL47, 5LL48, 5LL49, 5LL52, 5LL53, 5LL55, 5LL56, 5LL57, 5LL59.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—5LL1, 5LL35, 5LL39, 5LL46.
Apex Machine Co., 14-13—118th St., College Point 56, N. Y.—5LL27, 5LL36, 5LL60.
Banthin Engineering Co., 1849 Main St., Bridgeport 4, Conn.—5LL1, 5LL9, 5LL15, 5LL21, 5LL26, 5LL35.
Berlin & Jones Co., 601 W. 26th St., New York 1, N. Y.—5LL10.
○Brandtjen & Kluge, Inc., 653 Gaultier, St. Paul 3, Minn.—5LL1, 5LL28.
Business Forms Equipment Co., 4036 N.E. Portland Bldg., Portland 11, Ore.—5LL57.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—5LL9, 5LL21, 5LL26, 5LL36.
Champlain Company, Inc., Harrison Ave., Roseland, N. J.—5LL1, 5LL2, 5LL3, 5LL4, 5LL5, 5LL6, 5LL7, 5LL9, 5LL10, 5LL12, 5LL18, 5LL22, 5LL24, 5LL29, 5LL30, 5LL31, 5LL32, 5LL33, 5LL35, 5LL36, 5LL37, 5LL38, 5LL39, 5LL42, 5LL43, 5LL46, 5LL51, 5LL52, 5LL58, 5LL59.
○Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.—5LL1, 5LL28.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—5LL9, 5LL15, 5LL26, 5LL35.
Cosom Engineering Corp., 6012 Wayzata Blvd., Minneapolis 16, Minn.—5LL4, 5LL36, 5LL60.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—5LL2, 5LL6, 5LL7, 5LL8, 5LL22, 5LL24, 5LL26, 5LL30, 5LL31, 5LL32, 5LL33, 5LL35, 5LL36, 5LL42, 5LL43, 5LL46.
Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St., W., Toronto 1, Ontario, Can.—5LL23, 5LL24, 5LL25, 5LL26, 5LL33, 5LL42.
Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.—5LL19, 5LL21, 5LL28.
Crawford, E. A., Co., P.O. Box 2216, Edgewood Sta., Providence 5, R. I.—5LL1, 5LL26, 5LL41, 5LL42, 5LL46, 5LL56.
Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—5LL1, 5LL7, 5LL26, 5LL35, 5LL52.
Dependable Compressor & Machine Co., 157 W. 21st St., New York 11, N. Y.—5LL54.
Deskfinder Company, The, P.O. Box 337, Costa Mesa 1, Calif.—5LL3.
Dietz Machine Works, 126 W. Fountain St., Philadelphia 22, Pa.—5LL46.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.—5LL2, 5LL7, 5LL17, 5LL24, 5LL25, 5LL26, 5LL30, 5LL42, 5LL43, 5LL46.
Dutro, Orville, & Son, Inc., 117 W. Ninth St., Los Angeles 15, Calif. — 5LL1, 5LL3, 5LL26, 5LL32, 5LL33, 5LL34, 5LL42, 5LL52, 5LL55, 5LL57.
Franklin Manufacturing Corp., 692 Pleasant St., Norwood, Mass.—5LL3, 5LL27, 5LL51.
Frostad Engineering Co., 3037 S. Wentworth Ave., Milwaukee 7, Wis. — 5LL36, 5LL38, 5LL43, 5LL46.
General Research & Supply Co., 572 S. Division St., Grand Rapids 3, Mich.—5LL54.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—5LL1, 5LL7, 5LL15, 5LL24, 5LL25, 5LL30, 5LL31, 5LL32, 5LL33, 5LL42, 5LL44.
Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.—5LL36.
Haida Engineering Co., 34-11 Vernon Blvd., Long Island City 6, N. Y.—5LL15, 5LL30, 5LL32, 5LL42, 5LL46, 5LL51, 5LL52.
Halm Instrument Co., Inc., Glen Head Rd., Glen Head, L. I., N. Y.—5LL5, 5LL11.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—5LL1, 5LL8, 5LL9, 5LL12, 5LL14, 5LL16, 5LL18, 5LL20, 5LL22, L5523, 5LL26, 5LL29, 5LL30, 5LL31, 5LL32, 5LL33, 5LL34, 5LL36, 5LL37, 5LL38, 5LL39, 5LL42, 5LL43, 5LL47, 5LL48, 5LL49, 5LL52, 5LL57.
○Hantscho, George, Co., Inc., 602 S. Third Ave., Mount Vernon, N. Y.—5LL7, 5LL26, 5LL42.
Harley, E. L., Inc., 8701 Third Ave., Brooklyn 9, N. Y.—5LL35, 5LL46.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—5LL1, 5LL6, 5LL7, 5LL9, 5LL11, 5LL22, 5LL23, 5LL24, 5LL26, 5LL28, 5LL32, 5LL35, 5LL40, 5LL42.
Hartnett, R. W., Co., 1025 Cherry St., Philadelphia 7, Pa.—5LL36.
○Heidelberg Automatic Presses (See Manufacturers', Suppliers' and Dealers' Index)—5LL1, 5LL5, 5LL9, 5LL21, 5LL28.
Heinrich Equipment Corp., 111 Eighth Ave., New York 11, N. Y. — 5LL1, 5LL2, 5LL6, 5LL7, 5LL22, 5LL30, 5LL32, 5LL38, 5LL43, 5LL46.
Henschel, C. B., Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis.—5LL30, 5LL32, 5LL36.
Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.—5LL2, 5LL24, 5LL26, 5LL30, 5LL31, 5LL32, 5LL42, 5LL43, 5LL46, 5LL52, 5LL56.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—5LL1, 5LL3, 5LL7, 5LL15, 5LL16, 5LL19, 5LL23, 5LL24, 5LL25, 5LL26, 5LL32, 5LL33, 5LL35, 5LL36, 5LL40, 5LL42, 5LL44, 5LL45.
Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.—5LL1, 5LL2, 5LL10, 5LL22, 5LL30, 5LL32, 5LL33, 5LL36, 5LL42, 5LL43, 5LL46, 5LL58.
Industrial Marking Equipment Co., Inc., 655 Berriman St., Brooklyn 8, N. Y. — 5LL2, 5LL6, 5LL58.
Inta-Roto Machine Co., Inc., P.O. Box 454, Byrd Airport, Richmond 3, Va.—5LL18, 5LL22, 5LL33, 5LL38, 5LL42, 5LL46.
Kelsey, W. A., Co., 45 Crown St., Meriden, Conn.—5LL19, 5LL21, 5LL28.
Kidder Press Co., Inc., 121 Broadway, Dover, N. H.—5LL1, 5LL2, 5LL4, 5LL5, 5LL7, 5LL12, 5LL13, 5LL15, 5LL18, 5LL20, 5LL22, 5LL24, 5LL26, 5LL28, 5LL29, 5LL30, 5LL31, 5LL32, 5LL34, 5LL35, 5LL36, 5LL37, 5LL38, 5LL39, 5LL42, 5LL43, 5LL46, 5LL47, 5LL48, 5LL49, 5LL57.
Lawson Printing Machine Co., The, 4453 Olive St., St. Louis 8, Mo.—5LL54.
Lee Machinery Corp., 28 W. 23rd St., New York 10, N. Y.—5LL52.
Levey, Fred'k H., Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa. — 5LL7, 5LL23, 5LL26, 5LL30, 5LL32, 5LL36, 5LL42, 5LL46, 5LL52.
Lockwood's Incorporated, 375—11th Ave., Paterson 4, N. J.—5LL22, 5LL39.
Magnat Machinery & Pattern Corp., Leeds, Mass. — 5LL46, 5LL55.
Manhasset Machine Co., Inc., 409 Bayview Ave., Amityville, N. Y.—5LL18, 5LL26, 5LL30, 5LL36, 5LL46, 5LL47, 5LL55, 5LL56.
Markem Machine Co., 150 Congress St., Keene, N. H.—5LL1, 5LL3, 5LL7, 5LL22, 5LL27, 5LL30, 5LL38, 5LL40, 5LL52, 5LL54, 5LL58, 5LL60.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.—5LL3, 5LL8, 5LL38.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis. — 5LL1, 5LL6, 5LL7, 5LL13, 5LL33, 5LL36, 5LL42, 5LL46, 5LL58.
○Miehle Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 W. Hastings St., Chicago 8, Ill.—5LL1, 5LL7, 5LL9, 5LL15, 5LL22, 5LL24, 5LL26, 5LL33, 5LL35, 5LL41.
Miller, Hobson, Machinery, Inc., 280 Lafayette St., New York 12, N. Y.—5LL3, 5LL10.
Miller Lauffer Printing Equipment Corp., 280 Lafayette St., New York, N. Y.—5LL10.

Miller Printing Machinery Co., 1103 Reesdale St., Pittsburgh 33, Pa.—5LL1, 5LL6, 5LL7, 5LL9, 5LL15, 5LL18, 5LL22, 5LL26, 5LL35, 5LL39.
Model Printing Equipment Corp., 511 Madison St., Hoboken, N. J. —5LL2, 5LL5, 5LL6, 5LL7, 5LL9, 5LL12, 5LL22, 5LL30, 5LL31, 5LL32, 5LL33, 5LL34, 5LL37, 5LL39, 5LL42, 5LL43, 5LL46, 5LL47, 5LL52, 5LL56.
Moore, Kenneth J., & Co., 1778 Estes Ave., Chicago 26, Ill.—5LL1, 5LL2, 5LL7, 5LL10, 5LL30, 5LL32, 5LL36, 5LL42, 5LL46, 5LL56.
Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa. — 5LL18, 5LL24, 5LL25, 5LL32, 5LL36, 5LL42.
✪New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.—5LL5, 5LL7, 5LL15, 5LL22, 5LL29, 5LL30, 5LL36, 5LL37, 5LL39, 5LL47, 5LL49, 5LL51, 5LL52, 5LL57.
Northern Machine Works, 323 N. Fourth St., Philadelphia, Pa.—5LL26, 5LL37.
Nygren-Dahly Company, 1422 W. Altgeld St., Chicago 14, Ill.—5LL32, 5LL46.
OlsenMark Corporation, 124 White St., New York 13, N. Y.—5LL36.
Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.—5LL2, 5LL22, 5LL38, 5LL46, 5LL57.
Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.—5LL1, 5LL2, 5LL6, 5LL7, 5LL8, 5LL22, 5LL30, 5LL35, 5LL36, 5LL38, 5LL40, 5LL42, 5LL46, 5LL52, 5LL55, 5LL57, 5LL58.
Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.—5LL22, 5LL37, 5LL39.
Peerless Roll Leaf Co., 4511 New York Ave., Union City, N. J.—5LL27, 5LL30.
Popper & Sons, Inc., 300 Fourth Ave., New York 10, N. Y.—5LL1, 5LL3, 5LL6, 5LL7, 5LL22, 5LL26, 5LL36, 5LL38, 5LL39, 5LL40, 5LL53, 5LL58, 5LL60.
Poldevin Machine Co., 297 North St., Teterboro, N. J.—5LL2, 5LL7, 5LL22, 5LL30.
Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill. —5LL6, 5LL22, 5LL30, 5LL32, 5LL33, 5LL42, 5LL46, 5LL52, 5LL58.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—5LL1, 5LL32, 5LL34, 5LL42, 5LL52, 5LL57.
Reynolds Printasign Co., 9830 San Fernando Rd., Pacoima, Calif.—5LL36.
Royal Zenith Corp., 180 Varick St., New York 14, N. Y.—5LL26.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—5LL1, 5LL36, 5LL40.
Schriber Machinery Co., 4900 Webster St., Dayton 4, O.—5LL1, 5LL3, 5LL26, 5LL30, 5LL42, 5LL52, 5LL57.
Schriber Press Co., 4900 Webster St., Dayton 4, O. — 5LL26, 5LL42.
✪Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.—5LL25, 5LL33.
Showcard Machine Co., 1456 Merchandise Mart, Chicago 54, Ill. —5LL36.
Sigwalt Manufacturing Co., 3229 N. Sheffield Ave., Chicago, Ill. —5LL19, 5LL28.
Simplex Gold Stamping Press Co., 55 W. 42nd St., New York 36, N. Y.—5LL3.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.—5LL10.
Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass. — 5LL1, 5LL30, 5LL32, 5LL35, 5LL36, 5LL39, 5LL42, 5LL46.
✪Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.—5LL18, 5LL33, 5LL35.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.—5LL6, 5LL33, 5LL46.
Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y. — 5LL1, 5LL9, 5LL10, 5LL12, 5LL18, 5LL30, 5LL32, 5LL34, 5LL36, 5LL45, 5LL47, 5LL51.
Thomson - National Press Co., Dean Ave., Franklin, Mass.—5LL6, 5LL19, 5LL21, 5LL28.
✪Tirfing Printing Machinery, Inc., 400 Delancy St., Newark 5, N. J. — 5LL1, 5LL9, 5LL15, 5LL35.
Trapp & Kuehnle, Inc., 253 Pearl St., New York 38, N. Y.—5LL50.
✪Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—5LL56.
Verner, B., Co., Inc., 52 Duane St., New York 7, N. Y.—5LL1, 5LL3, 5LL9, 5LL10, 5LL15, 5LL21, 5LL22, 5LL35, 5LL36.
Walbert Machine Co., 819 E. 19th St., Kansas City 8, Mo. —5LL10.
Waldron, John, Corp., P.O. Box 791, New Brunswick, N. J.—5LL1, 5LL2, 5LL6, 5LL7, 5LL26, 5LL30, 5LL32, 5LL36, 5LL42, 5LL43, 5LL46.
Webendorfer Company, Saugatuck, Conn.—5LL26, 5LL32, 5LL54.
Western Printing Machinery Co., 3519 N. Spaulding Ave., Chicago 18, Ill.—Color unit for Miehle single color letterpress.
Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.—5LL2, 5LL46.
✪Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.—5LL7, 5LL24, 5LL25, 5LL33.
Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill. —5LL1, 5LL3, 5LL4, 5LL6, 5LL11, 5LL15, 5LL18, 5LL20, 5LL21, 5LL22, 5LL23, 5LL24, 5LL26, 5LL28, 5LL29, 5LL30, 5LL33, 5LL34, 5LL36, 5LL37, 5LL38, 5LL39, 5LL40, 5LL43, 5LL46, 5LL47, 5LL48, 5LL49, 5LL51, 5LL52, 5LL53, 5LL59.
Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y.—5LL26.

**PROCESS INKS, THREE COLOR**
**See under Inks 5W.**

**PUMPS (AIR AND INK) 5JJ**
✪American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.
Bowser, Incorporated, 1302 E. Creighton Ave., Ft. Wayne 2, Ind.
Coolant Equipment Corp., Verona Ave., Verona 6, Wis.
✪Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
Graymills Corporation, 3705 N. Lincoln Ave., Chicago 13, Ill. Flexographic and rotogravure.
✪Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Kellogg Div., American Brake Shoe Co., 97 Humboldt St., Rochester 9, N. Y.
Leiman Brothers, Inc., P.O. Box 1339, 146-181 Christie St., Newark 5, N. J.
Lencke Ink Pump Co., P.O. Box 1044, Reading, Pa.
Milwaukee Pump & Tank Works, Inc., 714 E. Nash St., Milwaukee 12, Wis.
Paasche Airbrush Co., 1909 Diversey Parkway, Chicago 14, Ill. Oiling guns.

**PUNCHES, PRESS**
**See Composing Room 1KK.**

## Q

**QUOINS, CHASES AND LOCKUP ACCESSORIES**
**See Composing Room 1P.**

## R

**RACKS, CABINETS AND CHAIRS**
**See under Cabinets, Racks and Chairs 5G.**

**RACKS FOR ROLLERS**
**See under Cabinets, Racks and Chairs 5G.**

**RAISED LETTER PRINTING MACHINES AND POWDER 5MM**
**5MM1 Machines.**
**5MM2 Supplies.**
**5MM3 Textile Transfers.**
Embosograf Corp. of America, 38 W. 21st St., New York 10, N. Y. —5MM1, 5MM2.
Embossograph Process Co., Inc., 3720—14th Ave., Brooklyn 18, N. Y.—5MM1, 5MM2, 5MM3.
✪Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Stokes, A., Co., Stokes Lane, Hudson, O.—5MM1, 5MM2.
Virkotype Corporation, 111 Rock Ave., Plainfield, N. J.—5MM1, 5MM2, 5MM3.

**REDUCERS AND MAGNIFYING GLASSES**
**See Magnifiers 5BB.**

**REDUCERS FOR PRINTING INKS**
**See under Inks 5W.**

**REELS AND TENSIONS**
**See Paper Reels and Tensions 5GG.**

**REGISTER AND LINE-UP TABLES**
**See Composing Room 1P.**

**REGISTER FORM PRESSES**
**See under Printing Presses 5LL.**

**REGISTER TESTERS FOR WEBS, STROBOSCOPE**
**See under Gauges and Testing Instruments 5U.**

**REGLET AND FURNITURE**
**See Composing Room 1L.**

**REWINDING AND SLITTING EQUIPMENT**
**See Slitting and Rewinding 5RR.**

**ROLL FEED PRINTING PRESSES**
**See under Printing Presses 5LL.**

**ROLL FORM PRINTING PRESSES**
**See under Printing Presses 5LL.**

**ROLL LEAF FEEDERS**
**See under Feeding, Folding and Delivery 5Q.**

**ROLL PAPER FEEDERS**
**See under Feeding, Folding and Delivery 5Q.**

**ROLLER CONDITIONING DEVICES 5YY**
✪Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.

**ROLLER COOLING FANS**
**See Fans 5P.**

**ROLLER GRINDING EQUIPMENT (RUBBER)**
**See Rubber Roller Grinding Equipment 5OO.**

**ROLLER RACKS**
**See under Cabinets, Racks and Chairs 5G.**

**ROLLER SETTING GAUGES**
**See under Gauges and Testing Instruments 5U.**

**ROLLERS 5NN**
**5NN8 Bearings.**
**5NN1 Composition.**
**5NN2 Covered.**
**5NN3 Hand.**
**5NN4 Offset.**
**5NN6 Rubber.**
**5NN7 Synthetic Resin-like.**
**5NN5 Vulcanized Oil.**
✪Alico, Incorporated, Montague, Mass.—5NN8.
American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.—5NN1, 5NN2, 5NN3, 5NN4, 5NN6, 5NN7.
Bingham Brothers Co., 406 Pearl St., New York 38, N. Y. —5NN1, 5NN2, 5NN3, 5NN4, 5NN6, 5NN7. Roller coating machine.
Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.—5NN1, 5NN2, 5NN3, 5NN4, 5NN5, 5NN6, 5NN7. Roller coating machine.
California Ink Co. Inc., 545 Sansome St., San Francisco 11, Calif. — 5NN1, 5NN2, 5NN3, 5NN4, 5NN5, 5NN6, 5NN7, 5NN8.
✪Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—5NN1.
✪Dayton Rubber Co., The, Dayco Div., 2342 W. Riverview Ave., Dayton 1, O.—5NN4, 5NN6, 5NN7.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.—5NN4.
Godfrey Roller Co., 211 N. Camac St. Philadelphia 7, Pa.—5NN1, 5NN2, 5NN3, 5NN4, 5NN6, 5NN7.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.—5NN4, 5NN6.
Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.—5NN4, 5NN6.
✪Hamilton Manufacturing Co., 1316 —18th St., Two Rivers, Wis.—5NN3.
Hart, William C., Co., Inc., 137 Greene St., New York 12, N. Y. —5NN1, 5NN2, 5NN6, 5NN7.
Hi-Speed Roller Co., Inc., 3157 Tchoupitoulas St., New Orleans 15, La.—5NN4, 5NN7.
Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.—5NN2, 5NN3, 5NN4, 5NN5, 5NN6, 5NN7. Roller sectioning machine. Roller coating machine.
Lumirol Corporation, 41 W. 25th St., New York 10, N. Y. —5NN7.
Maigne, O. J., Co., 321 Pearl St., New York 38, N. Y. —5NN1, 5NN2, 5NN4, 5NN5, 5NN7.
McHugh, J. Thomas, Co., Inc., 31 E. Georgia St., Indianapolis 4, Ind.—5NN6.
Milwaukee Printers Roller Co., 422 S. Fourth St., Milwaukee 4, Wis.—5NN1.
Moreland Corporation, The, York and Fitzwatertown Rds., Willow Grove, Pa.—5NN6.
✪Niles & Nelson, Inc., 75 West St., New York 6, N. Y.—5NN6.
Ohio Roller Co., Inc., 4408 Detroit Ave., Cleveland 13, O.—5NN1, 5NN2, 5NN3, 5NN4, 5NN5, 5NN6, 5NN7.
✪Rapid Roller Co., 26th and Federal Sts., Chicago 16, Ill.—5NN1 5NN2, 5NN3, 5NN4, 5NN5, 5NN6, 5NN7.
Raybestos-Manhattan, Inc., Manhattan Rubber Div., 61 Willett St., Passaic, N. J. — 5NN4, 5NN6.
✪Reeves Brothers, Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y.—5NN6, 5NN7.
✪Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J. Fabric covering for composition rollers.
SKF Industries, Inc., Front St. and Erie Ave., Philadelphia 34, Pa.—5NN8.
Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.—5NN3.
Twin City Printers Roller Mfg. Co., 505 S. Third St., Minneapolis 15, Minn.—5NN1.
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.—5NN6.
Vogt Roller Co., Inc., 222 S. 12th St., Louisville 3, Ky.—5NN1, 5NN2, 5NN3, 5NN4, 5NN5, 5NN6, 5NN7.
Wild & Stevens, Inc., 45 Industrial Pl., Newton Upper Falls, Mass. —5NN1, 5NN2, 5NN3, 5NN4, 5NN5, 5NN6.
Winn & Goodman, 440 Sansome St., San Francisco 11, Calif.—5NN1, 5NN3.

**ROLLER WASHES 5GGG**
✪Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Fergusson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.
Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.

**ROLLER TRUCKS**
**See under Fountains and Accessories 5S.**

**ROTARY PRESS CUTTERS 5CCC**
**5CCC1 Die Cutting Cylinders.**
**5CCC2 Sheeters.**
Beck, Charles, Machine Corp., 42 Church Rd., King of Prussia, Pa.
Champlain Company, Inc., Harrison Ave., Roseland, N. J.—5CCC1, 5CCC2.
Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.—5CCC2.
Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I. —5CCC2.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.—5CCC1, 5CCC2.

**ROTARY PRINTING PRESSES**
**See under Printing Presses 5LL.**

**ROTOGRAVURE INKS**
**See under Inks 5W.**

**ROTOGRAVURE PRINTING PRESSES**
**See under Printing Presses 5LL.**

**RUBBER ROLLER GRINDING EQUIPMENT 5OO**
- ✪Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md.
- ✪Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
- Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.
- LeBlond, The R. K., Machine Tool Co., Madison and Edwards Rds., Cincinnati 8, O.

**RUBBER ROLLERS**
See under Rollers 5NN.

## S

**SAFETY CANS**
See Composing Room 1Y.

**SAFETY GUARDS 5QQ**
- Rathbun & Bird Co., Inc., The, 379 W. Broadway, New York 12, N. Y.

**SALES BOOK PRINTING PRESSES**
Business Forms Equipment 8U1.

**SCALES FOR PAPER SHEETS**
See under Gauges and Testing Instruments 5U.

**SCLEROSCOPE**
See under Gauges and Testing Instruments 5U.

**SCORING, PERFORATING AND SLITTING ATTACHMENTS**
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**SEATS AND STOOLS**
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**SECTIONAL PLATE MOUNTING SYSTEMS**
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**SHEET CLEANERS**
See Paper Cleaners 5AAA.

**SHEET FEED PRESSES**
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**SHEET HEATERS**
See under Heaters and Neutralizers 5V.

**SHEETS, DRAW**
See under Cylinder and Tympan Packing 5L.

**SLITTING AND REWINDING EQUIPMENT 5RR**
- ✪Alico, Incorporated, Montague, Mass.
- ✪American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.
- Bagley & Sewall Co., Div., Black-Clawson, 101 Pearl St., Watertown, N. Y.
- Beck, Charles, Machine Corp., 42 Church Rd., King of Prussia, Pa.
- Cameron Machine Co., Franklin Rd., Dover, N. J.
- ✪Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md.
- Champlain Company, Inc., Harrison Ave., Roseland, N. J.
- Cottrell Company, The, Sub. Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.
- Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St. W., Toronto 1, Ontario, Can.
- Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.
- ✪Doven Division, Appleton Machine Co., 618 S. Oneida St., P.O. Box 468, Appleton, Wis.
- ✪Gegenheimer, William, Co., Inc., 80 Roebling St., Brooklyn 11, N. Y.
- ✪Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
- Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.
- Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa. Webaligner.
- Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.
- Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.
- Johnstone Engineering and Machine Co., First Ave. and Gay St., Parkesburg, Pa.
- Kidder Press Co., Inc., 121 Broadway, Dover, N. H.
- Manhasset Machinery Co., Inc., 409 Bayview Ave., Amityville, N. Y.
- Mercury Engineering Co., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.
- Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.
- Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.
- Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.
- Potdevin Machine Co., 297 North St., Teterboro, N. J.
- Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill.
- Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.
- Simonds Worden White Co., Summit St. at Negley Place, Dayton 7, O.
- Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.
- Waldron, John, Corp., P.O. Box 791, New Brunswick, N. J.
- Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.
- Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

**SLITTING, PERFORATING AND SCORING ATTACHMENTS**
See Perforating, Slitting and Scoring 5FF.

**SNAPOUT PRESSES**
See Printing Presses 5LL.

**SPECIALTY INKS**
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**SPECIALTY PRINTING PRESSES**
See under Printing Presses 5LL.

**SPEED INDICATORS**
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**STATIC ELIMINATORS**
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**STOOLS AND SEATS**
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**STRENGTH GAUGES FOR PAPER**
See under Gauges and Testing Instruments 5U.

**STROBOSCOPE**
See under Gauges and Testing Instruments 5U.

**SUPPLIES 5WW**
- 5WW1 Rotary Press Knives.
- 5WW2 Slitters.
- Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa.—5WW2.
- Ohio Knife Co., The, B. & O. Railway and Dreman Ave., Cincinnati 23, O.—5WW2.
- Ryan, E. G., and Co., 153 W. Huron St., Chicago 10, Ill.
- Simonds Worden White Co., Summit St. at Negley Place, Dayton 7, O.—5WW1.

**SYNTHETIC RESIN-LIKE ROLLERS**
See under Rollers 5NN.

## T

**TABLES, LINE-UP AND REGISTER**
See Composing Room 1P.

**TACHOMETERS**
See under Gauges and Testing Instruments 5U.

**TAG PRINTING PRESSES**
See under Printing Presses 5LL.

**TAPE**
See under Belts, Belting and Tape 5D.

**TAPE CEMENT**
See under Adhesives 5A.

**TAPE MOISTENERS**
See Mailing and Shipping 7J.

**TAPE PRINTING PRESSES**
See under Printing Presses 5LL.

**TEMPERATURE INDICATORS**
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See Raised Letter Printing Machines and Powders 5MM.

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**THREE-COLOR PROCESS INKS**
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**TICKET PRINTING PRESSES**
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**TIERING MACHINES AND PAPER LIFTS**
See Paper Cutting and Processing 4D.

**TOOL CABINETS**
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**TOOLS 5TT**
- 5TT1 Ink Knives.
- 5TT2 Makeready Knives.
- 5TT3 Overlay Knives.
- 5TT4 Platemakers Tools.
- Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—5TT4.
- Economy Novelty & Printing Co., 244 W. 39th St., New York 18, N. Y.—5TT1, 5TT2.
- General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
- ✪Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—5TT1, 5TT4.
- ✪Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
- Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.—5TT1, 5TT2, 5TT3.
- Mark Specialty Co., 183 St. Paul St., Rochester 4, N. Y.—5TT1, 5TT2, 5TT3.
- Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.—5TT1.
- ✪Rouse, H. B., & Co., 2214 North Wayne Ave., Chicago 14, Ill. Tympan stabber.
- ✪Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—5TT4.

**TRANSFERS, TEXTILE**
See under Raised Letter Printing Machines and Powders 5MM.

**TRUCKS 5UU**
- Form, See Composing Room 1DD.
- Form Lifts, See Composing Room 1DD.
- Plate, See Stereotyping 2G37.
- 5UU1 Newsprint.
- 5UU2 Paper Roll.
- 5UU3 Paper Tiering.
- See also Paper Cutting and Processing 4D.
- Baker Industrial Trucks, Div. Otis Elevator Co., 8000 Baker Ave., Cleveland 2, O.
- Barrett-Cravens Company, 630 Dundee Rd., Northbrook, Ill.—5UU1, 5UU2.
- Clark Equipment Co., Industrial Truck Div., 24th St., Battle Creek 151, Mich.—5UU1, 5UU2, 5UU3.
- Economy Engineering Co., 4511 W. Lake St., Chicago 24, Ill.—5UU1, 5UU2, 5UU3.
- ✪Elwell-Parker Electric Co., 4205 St. Clair Ave., Cleveland 3, O.—5UU1, 5UU2, 5UU3.
- Equipto, 401 S. Highland, Aurora, Ill.
- Fairbanks Company, The, 393 Lafayette St., New York 3, N. Y.—5UU1, 5UU2.
- Gifford-Wood Company, One Hudson Ave., Hudson, N. Y.—5UU1, 5UU2.
- ✪Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—5UU1, 5UU2, 5UU3.
- ✪Jampol Corporation, The, 728—61st St., Brooklyn 20, N. Y.—5UU1, 5UU2, 5UU3.
- Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.—5UU1, 5UU2.
- Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.—5UU1, 5UU2, 5UU3.
- Mercury Manufacturing Co., 4710 W. Division St., Chicago, Ill.
- National Baling Press & Equipment Co., 1071 E. 48th St., Brooklyn 34, N. Y.
- Norman, William A., 1133 E. 63rd St., Chicago 37, Ill.—5UU1, 5UU2.
- Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—5UU2.
- Raymond Corporation, The, 140 Madison Ave., Greene, N. Y.—5UU1, 5UU2, 5UU3.
- Rotary Lift Co., Div. Dover Corp., 1054 Kansas St., Memphis 2, Tenn.—5UU1, 5UU2, 5UU3.
- Yale & Towne Mfg. Co., 11000 Roosevelt Ave., Philadelphia 15, Pa.—5UU1, 5UU2, 5UU3.

**TRUCKS, PAPER**
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**TYMPAN PAPER**
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**TYPE HIGH GAUGES**
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**TYPE WASHES**
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**TYPEWRITER RIBBON ATTACHMENTS FOR PLATEN PRESSES**
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## V

**VARIABLE SPEED (Drives)**
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**VARNISHING MACHINES**
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**VIBRATORS FOR INK ROLLERS**
See under Fountains and Accessories 5S.

## W

**WASHES FOR TYPE**
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**WASHUP DEVICES 5ZZ**
- 5ZZ3 Fountain.
- 5ZZ1 Letterpress.
- 5ZZ2 Offset and Rotary.
- Fergusson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.—5ZZ1, 5ZZ2.
- ✪Gegenheimer, William, Co., Inc., 80 Roebling St., Brooklyn 1, N. Y.—5ZZ2, 5ZZ3.
- Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—5ZZ2.
- Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.—5ZZ2.
- Ryan, E. G., and Co., 153 W. Huron St., Chicago 5, Ill.—5ZZ2.
- Yeager Newspaper Machinery Supply Co., P.O. Box 3974, San Juan, Puerto Rico. Fountain cleaner.—5ZZ3.

**WASTE PAPER BALERS**
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**WASTE SAFETY CANS**
See Safety Cans 5PP.

**WATER COLOR INKS**
See under Inks 5W.

**WEBBING**
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**WEB PRINTING PRESSES**
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**WEB CONTROLS 5BBB**
- 5BBB2 Feeding, Folding and Delivery.
- 5BBB1 Press Register Controls.
- 5BBB3 Web Control Systems.
- 5BBB4 Web Splicers.
- Cameron Machine Co., Franklin Rd., Dover, N. J.—5BBB1.
- Champlain Company, Inc., Harrison Ave., Roseland, N. J.—5BBB1, 5BBB3.
- Crosfield Electronics, Inc., 47 New York Ave., Westbury, N. Y.—5BBB1.
- ✪Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.—5BBB3.

Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y. —5BBB3.
Electric Eye Equipment Co., 1938 E. Fairchild St., Danville, Ill. —5BBB1.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.—5BBB1.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—5BBB1.
Huck Company, 72 W. 45th St., New York 36, N. Y.—5BBB1, 5BBB2, 5BBB3.
○Korthe Engineering Co., 9353 Seymour Ave., Schiller Park, Ill.—5BBB3.
Photoswitch Division, Electronics Corp. of America, Cambridge 42, Mass.—5BBB1.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—5BBB1.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.—5BBB4.
Waldron, John, Corp., P.O. Box 791, New Brunswick, N. J.—5BBB3.

**WEB REGISTER TESTING DEVICES, STROBOSCOPES**
**See under Gauges and Testing Instruments 5U.**

**WIPER SAFETY CANS**
**See Safety Cans 5PP.**

**WIPING CLOTHS 5VV.**
American Cotton Products Co., 2516 S. Damen Ave., Chicago 8, Ill.
American Sanitary Rag Co., 336 W. 37th St., Chicago, Ill.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Atlas Sponge Co., 2520 S. Damen Ave., Chicago 8, Ill.
Callaway Mills, 295 Fifth Ave., New York 16, N. Y.
Columbia Wiping Cloth Co., 1720 Wabash Ave., Kansas City 1, Mo.
Maryland Wiping Cloth Co., 1810 Worcester St., Baltimore 30, Md.
National Wiping Cloth Co., 2519 N. Second St., Philadelphia, Pa.
Ohio Wiping Cloth Mfg. Co., The, 1600 Woodland Ave., Cleveland 15, O.
Sanitary Wiping Cloth Co., 1550 Ridgley St., Baltimore 30, Md.
Standard Rewashed Wipers Co., 3120 Shields Ave., Chicago, Ill.
Standard Wiping Materials, 645 Dean St., Brooklyn 38, N. Y.
U. S. Wiping Cloth Co., Third and Lynch Sts., St. Louis 18, Mo.

***Printing Production* Filing System**

# 6 — Bindery Index

**HOW TO USE THIS INDEX**—This Bindery Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

## KEY FOR BINDERY INDEX

**6A** Adhesives
**6B** Binding Materials
- 6B6 Banding
- 6B1 Cloth
- 6B2 Leather
- 6B3 Leather Substitutes
- 6B7 Plastic
- 6B4 Tape
- 6B5 Thread and Twine

**6AAA** Blowers (Portable Cleaning)
**6C** Board Bevelers
**6QQ** Book Covering Machines
**6SS** Book Jacketing Machines
**6D** Book Smashing and Compressing Machines
**6TT** Building-in Machines
**6E** Case Machines
- 6E1 Case Back Forming
- 6E2 Case Bending
- 6E3 Case Feeding
- 6E4 Case Making

**6L** Collating Machines
- 6L1 Automatic
- 6L2 Automatic with Envelope Stuffing Mechanism
- 6L3 Semi-Automatic
- 6L4 Business Forms
- 6L5 Collating and Stitching
- 6L6 Hand

**6F** Continuous Trimmers
**6XX** Counters
- 6XX1 Batch
- 6XX2 Counter and Stacker

**6G** Crimping, Creasing and Scoring Machines
**6OO** Deckling, Pebbling and Roughing Machines
- 6OO1 Deckling
- 6OO2 Pebbling
- 6OO3 Roughing

**6LL** Die Cutting Machines (Hollow Die)
**6H** Drilling and Drill Slotting Machines
**6J** Eyeletting Machines
**6WW** Flocking Machines
**6K** Foil and Leaf
**6KK** Folding Machines
- 6KK1 Circular Letter Folders
- 6KK2 Folding Machines
- 6KK3 Magazine Folders
- 6KK4 Newspaper Folders
- 6KK5 Specialty Folders

**6PP** Folding Machine Counters
**6M** Gluing and Pasting Equipment
- 6M1 Glue Pots and Kettles
- 6M2 Gluing
- 6M3 Gumming
- 6M10 Hot Melt Binding
- 6M4 Labeling
- 6M5 Lining
- 6M6 Mounting
- 6M7 Paper Covering
- 6M8 Pasting
- 6M9 Stripping
- 6M11 Turning-in Machine

**6UU** Gluing Off and End Sheet Machines
**6N** Knotting, Looping and Stringing Machines
**6ZZ** Laminating Equipment
**6JJ** Loose Leaf Binders and Parts
**6MM** Metal Edging Machines
**6O** Motors and Controls
**6P** Paging and Numbering Machines
**6Q** Patch Machines
**6R** Perforating Machines
**6S** Perforating, Punching and Round Cornering Machines
**6T** Presses
- 6T1 Backers
- 6T2 Banding and Bundling
- 6T3 Die Stamping
- 6T4 Embossing
- 6T10 Gold Stamping
- 6T11 Imprinting
- 6T9 Padding
- 6T5 Pallet
- 6T6 Plate
- 6T7 Standing
- 6T8 Tabbing

**6HH** Process Binding
- 6HH1 Machines
- 6HH2 Materials

**6NN** Register Controls, Web
- 6NN1 Web Register Control
- 6NN2 Feeding, Folding and Delivery

**6U** Round Corner Cutters
**6V** Rounding and Backing Machines
**6W** Ruling Machines and Accessories
**6RR** Saws, Band, for Gang Work
**6X** Sewing Machines
- 6X1 Machines
- 6X2 Needles

**6Y** Shears and Blades
- 6Y2 Blades
- 6Y1 Shears

**6VV** Signature Notcher
**6Z** Slitting and Rewinding Machines
**6AA** Stabbing Machines
**6BB** Stapling Machines
- 6BB1 Machines
- 6BB2 Wire

**6CC** Stitching Machines
- 6CC1 Machines
- 6CC2 Wire

**6DD** Supplies
- 6DD1 Index Tabs

**6EE** Tables
- 6EE1 Gathering

**6GG** Tipping Machines
**6FF** Tools, Hammers, Bone Folders, Polishers, etc.
**6YY** Trimmers, Publication
**6BBB** Trim Waste Removal

## BINDERY EQUIPMENT AND SUPPLIES MAIN AND CROSS-INDEX

**○Indicates advertiser. See Advertisers' Index, Pages B-C-D.**

### A

**ADHESIVES 6A**
American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y.
Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.
Burrage Glue Co., 15 Vandewater St., New York 38, N. Y.
Champion Manufacturing Co., Inc., 824 N. Caldwell St., Charlotte 6, N. C.
Cooper, Peter, Corps., Palmer St., Gowanda, N. Y.
Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.
Federal Adhesives Corp., Sub. Morningstar-Paisley, Inc., 210 Wythe Ave., Brooklyn 11, N. Y.
Gane Brothers & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.
Green's Paste Works, 200 Liverpool Rd., Liverpool, N. Y.
Hoyt, Arthur S., Co., Inc., 20 Jerusalem Ave., Hicksville, L. I., N. Y.
Johnson, Wm. R., Co., Inc., 3131 Western Ave., Seattle 1, Wash.
Lox Manufacturing Co., 3310 E. 31st St., Kansas City 28, Mo.
Manhattan Adhesives Corp., 425 Greenpoint Ave., Brooklyn 22, N. Y.
Merritt Products Co., 1747 Chester Ave., Cleveland 14, O.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Adhesive two side mounting film.
Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.
National Adhesives Div., National Starch Products, Inc., 750 Third Ave., New York, N. Y.
Permacel Incorporated, U. S. Highway No. 1, New Brunswick, N. J.
Rotobond Company P.O. Box 69, Bound Brook, N. J.
Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y.

Twin City Printers Roller Mfg. Co., 505 S. Third St., Minneapolis 15, Minn.
**Union Rubber & Asbestos Co., 232 Allen St., Trenton 6, N. J.**
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.
**Winn & Goodman, 440 Sansome St., San Francisco 11, Calif.**

**ASSEMBLING MACHINES**
**See Gathering Machines 6L.**

**AIR CONDITIONING**
**See Air Conditioning Equipment and Supplies 8A.**

**AUTOMATIC CUTTING MACHINES**
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## B

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**BACKING AND ROUNDING MACHINES**
**See under Rounding and Backing Machines 6V.**

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**BANDING AND BUNDLING PRESSES**
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**BEVELERS, BOARD**
**See Board Bevelers 6C.**

**BINDING MATERIALS 6B**
**6B6 Banding.**
**6B1 Cloth.**
**6B2 Leather.**
**6B3 Leather Substitutes.**
**6B7 Plastic.**
**6B4 Tape.**
**6B5 Thread and Twine.**
Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—6B1, 6B2, 6B3, 6B4.
Du Pont, E. I., de Nemours & Co., Corner Tenth and Market Sts., Wilmington 98, Del.—6B1, 6B7.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—6B1, 6B2, 6B3, 6B4, 6B5, 6B6, 6B7.
Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.—6B1, 6B2, 6B3, 6B4, 6B5.
Gummed Tape & Devices Co., 1069 Rogers Ave., Brooklyn 26, N. Y.—6B4.
Mid-States Gummed Paper Div. of Minnesota Mining & Mfg. Co., 6850 S. Harlem Ave., Bedford Park, Ill.—6B1, 6B4.
Permacel Incorporated, U. S. Highway No. 1, New Brunswick, N. J.—6B4.
Plastic Binding Corp., 732 Sherman St., Chicago 5, Ill.—6B7.
Tauber Plastics, Inc., 200 Hudson St., New York 13, N. Y.—6B7.
Transilwrap Company, 2247 N. Clark St., Chicago 40, Ill.—6B7.
Uni-Mark, Inc., 23 E. 26th St., New York, N. Y.—6B3.
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.—6B3.

**BLADES FOR SHEARS**
**See under Shears and Blades 6Y.**

**BLOWERS (PORTABLE CLEANING) 6AAA**
Ace-Sycamore, Incorporated, 448 Dekalb Ave., Sycamore, Ill.
American Blower Div. of American-Standard, 8111 Tireman Ave., Dearborn, Mich.
Invincible Vacuum Cleaner Mfg. Co., Dover, O.
Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.
Paasche Airbrush Co., Div., Cline Electric Mfg. Co., 1909 Diversey Parkway, Chicago 14, Ill.

**BOARD BEVELERS 6C**
**Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.**

**BONE FOLDERS**
**See Tools 6FF.**

**BOOK COMPRESSORS**
**See under Book Smashing and Compressing Machines 6D.**

**BOOK COVERING MACHINES 6QQ**
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

**BOOK JACKETING MACHINES 6SS**
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**BOOK SMASHING AND COMPRESSING MACHINES 6D.**
**Berry Machine Co., 716 N. First St., St. Louis 2, Mo.**
**Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.**
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

**BRASS TYPE**
**See Composing Room 1EE.**

**BUILDING-IN MACHINE 6TT**
Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

**BUNDLING AND BANDING PRESSES**
**See under Presses 6T.**

## C

**CANS, SAFETY**
**See Composing Room 1Y.**

**CASE MACHINES 6E**
**6E1 Case Back Forming.**
**6E2 Case Bending.**
**6E3 Case Feeding.**
**6E4 Case Making.**
Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.—6E4.
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.—6E4.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—6E1, 6E2, 6E4.
Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.—6E1, 6E3, 6E4.
Stolp-Gore Co., 123 S. Jefferson St., Chicago 6, Ill.—6E2.

**CLOTH**
**See Binding Materials 6B.**

**COLLATING MACHINES 6L**
**6L1 Automatic.**
**6L2 Automatic with Envelope Stuffing Mechanism.**
**6L4 Business Forms.**
**6L5 Collating and Stitching.**
**6L6 Hand.**
**6L3 Semi-Automatic.**
American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—6L1, 6L4.
Collamatic Corporation, State Hwy. No. 23, Wayne, N. J.—6L1, 6L5.
Cummington Corporation, 718 Beacon St., Boston 15, Mass.—6L1.
Davidson Perforator Co., 319 Main St., East Berlin, Conn.—6L1, 6L6.
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.—Insetting Machine.—6L1, 6L3, 6L5.
Didde-Glaser, Incorporated, 50 Highway and W. 12th Ave., Emporia, Kan.—6L1, 6L3, 6L4, 6L5.
Dutro, Orville, & Son, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—6L4.
Evans Specialty Co., 2401 Venable St., Richmond 23, Va.—6L6.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—6L1, 6L6.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—6L1, 6L4.
Macey Company, Sub. of Harris-Intertype Corp., 13835 Enterprise Ave., Cleveland 35, O.—6L1, 6L2, 6L5.
Manhasset Machine Co., Inc., 409 Bayview Ave., Amityville, N. Y.—6L4.
Mendes, J. Curry, Corp., New Bedford Industrial Park, New Bedford, Mass.—6L1, 6L4, 6L6.
New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.—6L4.
**Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.**
Parnat Business Machines Corp., 1816 Boston Rd., New York 60, N. Y.—6L1, 6L2, 6L5.
Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.—6L1, 6L4.
**Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.**
**Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.**
Rosback, F. P., Co., 225 Fifth Ave., Benton Harbor, Mich.—6L5.
Schriber Machinery Co., 4900 Webster St., Dayton 4, O.—6L4.
Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.—6L1, 6L5.
Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.—6L3.
Thomas Collators, Inc., 50 Church St., New York 7, N. Y.—6L3, 6L6.

**CONFETTI MACHINES**
**See Perforating, Punching and Round Cornering Machines 6S. Also slitting and Rewinding Machines 6Z.**

**CONTINUOUS TRIMMERS 6F**
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc. 2011 Hastings St., Chicago 8, Ill.
Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

**CONTROLS FOR MOTORS**
**See Motors and Controls 6O.**

**CONVEYORS**
**See Mailing and Shipping 7O.**

**COUNTERS 6XX**
**6XX1 Batch**
**6XX2 Counter and Stacker**
Cheshire, Incorporated, 1644 N. Honore St., Chicago 22, Ill.
Miller Lauffer Printing Equipment Corp., 280 Lafayette St., New York 12, N. Y.—6XX1.
Photoswitch Division, Electronics Corp. of America, Cambridge 42, Mass.
Potter Instrument Co., Inc., 115 Cutter Mill Rd., Great Neck, L.I., N. Y.
Sheridan, T. W. & C. B., 220 Church St., New York 13, N. Y.—6XX2.

**COUNTERS, AND NUMBERING MACHINES**
**See Pressroom 5HH.**

**COUNTERS, PRESS**
**See Pressroom 5HH.**

**CREASING MACHINES**
**See under Crimping, Creasing and Scoring Machines 6G.**

**CRIMPING, CREASING, SCALLOPING AND SCORING MACHINES 6G**
American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
**Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.**
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Heidelberg Automatic Presses (See Manufacturers', Suppliers' and Dealers' Index).
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.
Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.
OlsenMark Corporation, 124 White St., New York 13, N. Y.
Potdevin Machine Co., 297 North St., Teterboro, N. J.
Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass.
Thomson-National Press Co., Dean Ave., Franklin, Mass.

**CUTTERS, PAPER**
**See Paper Cutting and Processing 4F.**

**CUTTERS, ROUND CORNER**
**See Round Corner Cutters 6U.**

## D

**DATING MACHINES**
**See Composing Room 1H.**

**DECKLING, PEBBLING AND ROUGHING MACHINES 6OO**
**6OO1 Deckling.**
**6OO2 Pebbling.**
**6OO3 Roughing.**
Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.—6OO2, 6OO3.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—6OO2, 6OO3.
Waldron, John, Corp., P.O. Box 791, New Brunswick, N. J.—6OO2, 6OO3.

**DIE CUTTING MACHINES (HOLLOW DIE) 6LL**
Heidelberg Automatic Presses (See Manufacturers', Suppliers' and Dealers' Index).
Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.
Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.
Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.
Thomson-National Press Co., Dean St., Franklin, Mass.

**DIE STAMPING PRESSES**
**See under Presses 6T.**

**DRILLING AND DRILL SLOTTING MACHINES 6H**
American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Berry Machine Co., 716 N. First St., St. Louis 2, Mo.
Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.
Climax Manufacturing Co., 1025 E. Chestnut St., Santa Ana, Calif.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
**Mick, Walter K., Co., 500 Roberts St., St. Paul 1, Minn.**
Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Nygren-Dahly Company, 1422 W. Altgeld St., Chicago 14, Ill.
**Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.**
Rosback, F. P., Co., 225 Fifth Ave., Benton Harbor, Mich.
**Southworth Machine Co., 30 Warren Ave., Portland 5, Me.**

Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.

## E

**EMBOSSING PRESSES**
See under Presses 6T.

**EYELETTING MACHINES 6J**
○Graeber Stringing & Wiring Machine Co., Div. New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.
Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.
United Shoe Machinery Corp., 140 Federal St., Boston 7, Mass.

## F

**FEEDERS, ROLL LEAF**
See Pressroom 5Q.

**FLOCKING MACHINES 6WW**
Waldron, John, Corp., P.O. Box 791, New Brunswick, N. J.

**FOIL AND LEAF 6K**
All Purpose Roll Leaf Corp., 37 W. Century Rd., Paramus, N. J.
Franklin Manufacturing Corp., 692 Pleasant St., Norwood, Mass.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
General Roll Leaf Mfg. Co., 85-03 —57th Ave., Elmhurst 73, N. Y.
Gold Leaf & Metallic Powders Inc., 145 Nassau St., New York 38, N. Y.
Grauert, Ralph W., 100 Gold St., New York 38, N. Y.
Griffin Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.
Halvorfold Kwikprint Co., 700 E. Union St., Jacksonville, Fla.
Hastings & Company, Inc., 2314 Market St., Philadelphia 3, Pa.
OlsenMark Corporation, 124 White St., New York 13, N. Y.
Peerless Roll Leaf Co., Inc., 4511 New York Ave., Union City, N. J.
Simplex Gold Stamping Press Co., 55 W. 42nd St., New York 36, N. Y.
Solar Gold Leaf Co., 216 Alabama St., Brooklyn 7, N. Y.
Steel City Printing Ink Co., 281 Corliss St., Pittsburgh 20, Pa.
Wehrung & Billmeier Co., 3624 Lincoln Ave., Chicago 13, Ill.
Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa.

**FOLDERS, BONE**
See Tools 6FF.

**FOLDING MACHINES 6KK**
6KK1 Circular Letter Folders.
6KK2 Folding Machines.
6KK3 Magazine Folders.
6KK4 Newspaper Folders.
6KK5 Specialty Folders.
Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.—6KK1.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—6KK2.
Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill.—6KK3.
○Baum, Russell Ernest, Inc., 1540 Wood St., Philadelphia 2, Pa. —6KK1 6KK2, 6KK3, 6KK4, 6KK5.
Brown Folding Machine Co., 3771 Chester Ave., Cleveland 14, O.—6KK2, 6KK5.
Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill.—6KK2.
Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y. —6KK5.
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.—6KK2, 6KK3, 6KK4, 6KK5.
Dietz Machine Works, 126 W. Fontain St., Philadelphia 22, Pa.—6KK2.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.—6KK2.
Mendes, J. Curry, Corp., New Bedford Industrial Park, New Bedford, Mass.—6KK2.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.—6KK5.
Miller-Trojan Company, Inc., 3 N. Ridge Ave., Troy, O.—6KK2.
Modern Equipment Co., Inc., 2011 Cuming St., Omaha 2, Neb.—6KK4.
Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.—6KK3, 6KK4.
○New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.—6KK5.
Parnat Business Machines Corp., 1816 Boston Rd., New York 60, N. Y.—6KK1, 6KK2, 6KK3.
Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.—6KK1, 6KK2.
Schriber Machinery Co., 4900 Webster St., Dayton 4, O.—6KK5.
Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass.—6KK5.
Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.—6KK2.

**FOLDING MACHINE COUNTERS 6PP**
Durant Manufacturing Co., 1988 N. Buffum St., Milwaukee 1, Wis.
Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.
Miller, Hobson, Machinery, Inc., 280 Lafayette St., New York 12, N. Y.
Munro, W. L., 401 Broadway, New York 13, N. Y.

## G

**GATHERING MACHINES**
See Collating Machines 6L.

**GATHERING TABLES**
See under Tables 6EE.

**GAUGE PINS**
See Pressroom 5F.

**GLUE**
See Adhesives 6A.

**GLUING AND PASTING EQUIPMENT 6M**
6M1 Glue Pots and Kettles.
6M2 Gluing.
6M3 Gumming.
6M10 Hot Melt Binding.
6M4 Labeling.
6M5 Lining.
6M6 Mounting.
6M7 Paper Covering.
6M8 Pasting.
6M9 Stripping.
Acme Electric Heating Co., 1217 Washington St., Boston 18, Mass.—6M1.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J. —6M1, 6M9.
Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill.—6M8.
Brackett Stripping Machine Co., 505 Jackson St., Topeka, Kan. —6M9.
Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.—6M2.
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.—6M2, 6M10.
○Didde-Glaser, 50 Highway and W. 12th Ave., Emporia, Kan.—6M2.
Dietz Machine Works, 126 Fontain St., Philadelphia 22, Pa. —6M2.
Dollahite, K. J., Co., 106 W. 15th St., Ft. Worth 2, Tex.—6M9.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Grammes, L. F., & Sons, 346 Union St., Allentown, Pa.—6M2, 6M3.
Haida Engineering Co., 34-11 Vernon Blvd., Long Island City 6, N. Y.—6M3.
Hold Heet Products Co., 905 Belmont Ave., Chicago 14, Ill.—6M1.
Mendes, J. Curry, Corp., New Bedford Industrial Park, New Bedford, Mass.—6M2.
Merz-Vonder Haar Co., 809 Walnut St., Cincinnati 2, O.—6M11.
Moore, Kenneth J., & Co., 1778 Estes Ave., Chicago 26, Ill.—6M1, 6M2, 6M4.
Paasche Airbrush Co. Div., Cline Electric Mfg. Co., 1909 Diversey Pkwy., Chicago 14, Ill.—6M7, 6M9.
Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.—6M2.
Potdevin Machine Co., 297 North St., Teterboro, N. J.—6M2, 6M3, 6M4, 6M8.
Schaefer Machine Co., 145 Front St., Bridgeport 6, Conn.—6M2.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y. —6M10.
Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass.
Standard Paper Box Machine Co., Inc., 476 Broome St., New York 13, N. Y.—6M9.
Sta Warm Electric Co., 666 N. Chestnut St., Ravenna, O.—6M1.
Waldron, John, Corp., P.O. Box 791, New Brunswick, N. J.—6M2, 6M3.

**GLUING OFF AND END SHEET MACHINES 6UU**
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**GOLD FOIL**
See Foil 6K.

**GUMMING EQUIPMENT**
See under Gluing and Pasting Equipment 6M.

## H

**HAMMERS**
See Tools 6FF.

**HAND POLISHERS**
See Tools 6FF.

## I

**IMITATION FOIL**
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**INDEX TABS**
See Supplies 6DD.

**INSERTING ATTACHMENT**
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**INSERTING MACHINES, NEWSPAPER**
See Mailing and Shipping 7D.

## J

**JOGGING MACHINES**
See Pressroom 5Z.

## K

**KETTLES AND POTS FOR GLUE**
See under Gluing and Pasting Equipment 6M.

**KNOTTING, LOOPING AND STRINGING MACHINES 6N**
Beck, Charles, Machine Corp., 42 Church Rd., King of Prussia, Pa.
Chandler Sales & Service Co., 245 Seventh Ave., New York 1, N. Y.
○Graeber Stringing & Wire Machine Co., Div. New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.
National Bundle Tyer Co., 320 Adrian St., Blissfield, Mich.

## L

**LABELING MACHINES**
See under Gluing and Pasting Equipment 6M.

**LAMINATING EQUIPMENT 6ZZ**
Cameron Machine Co., Franklin Rd., Dover, N. J.
General Binding Corp., 1101 Skokie Hgwy., Northbrook, Ill.
Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.
Moore, Kenneth J., & Co., 1778 W. Estes Ave., Chicago 26, Ill.
Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill.
Rotobond Company, P.O. Box 69, Bound Brook, N. J.
Waldron, John, Corp., P.O. Box 791, New Brunswick, N. J.

**LEATHER SUBSTITUTES**
See Binding Materials 6B.

**LETTERING PALLETS**
See under Presses 6T.

**LIFT TRUCKS**
See Paper Cutting and Processing 4D.

**LINING MACHINES**
See under Gluing and Pasting Equipment 6M.

**LOOPING, KNOTTING AND STRINGING MACHINES**
See Knotting, Looping and Stringing Machines 6N.

**LOOSE LEAF BINDERS AND PARTS 6JJ**
Aigner, G. J., Co., 426 S. Clinton St., Chicago 7, Ill.
Shyers Bookbinding Corp., 212 Johnson Ave., Newark 8, N. J.
Sloves Mechanical Binding Corp., 601 W. 26th St., New York 13, N. Y.
○Spiral Binding Co., Inc., Coliseum Tower, 10 Columbus Circle, New York 19, N. Y.
Tenacity Manufacturing Co., Cooper and Hosea Sts., Lockland 15, O.

## M

**METAL EDGING MACHINES 6MM**
Grammes, L. F., & Sons, 346 Union St., Allentown, Pa.
Stuebing Automatic Machine Co., 3424 Beekman St., Cincinnati 23, O.

**MOTORS AND CONTROLS 6O**
○Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Monitor Controller Div., Industrial Electronics Co., Inc., 99 Grove St., Rockland, Mass.
Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.
Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.
Tri-Par Controls, 9353 Seymour Ave., Schiller Park, Ill.
U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

**MOUNTING MACHINES**
See under Gluing and Pasting Equipment 6M.

## N

**NEEDLES FOR SEWING MACHINES**
See Sewing Machines 6X.

**NUMBERING AND COUNTING MACHINES**
See Pressroom 5HH.

**NUMBERING AND PAGING MACHINES**
See Paging and Numbering Machines 6P.

**NUMBERING MACHINES**
See Composing Room 1H.

## P

**PAGING AND NUMBERING MACHINES 6P**
American Numbering Machine Co., Atlantic and Shepherd Aves., Brooklyn 8, N. Y.
○Force, Wm. A., & Co., Inc., 216 Nichols Ave., Brooklyn 8, N. Y.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.
Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.
Roberts Numbering Machine Div., Heller Roberts Mfg. Corp., 700 Jamaica Ave., Brooklyn 8, N. Y.

**PALLET PRESSES**
See under Presses 6T.

**PAPER BALERS**
See Waste Paper Balers 8L.

**PAPER CUTTERS**
See Paper Cutting and Processing 4F.

**PAPER RULING MACHINES**
See Ruling Machines and Accessories 6W.

**PASTE**
See Adhesives 6A.

**PASTING AND GLUING EQUIPMENT**
See Gluing and Pasting Equipment 6M.

**PASTING MACHINES**
See under Gluing and Pasting Equipment 6M.

**PATCH MACHINES 6Q**
○Graeber Stringing & Wiring Machine Co., Div. New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J. Patch and eyeletting machine.
Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.
Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.

**PERFORATING MACHINES 6R**
American Perforator Div., Heller Roberts Mfg. Corp., 700 Jamaica Ave., Brooklyn 8, N. Y.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.
Harris-Seybold Company, Div. of St., East Berlin, Conn.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
○Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn. For stamps and coupons.
Nygren-Dahly Company, 1422 W. Altgeld St., Chicago 14, Ill.
Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.
Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.
Rosback, F. P., Co., 225 Fifth Ave., Benton Harbor, Mich.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.

**PERFORATING, PUNCHING AND ROUND CORNERING MACHINES 6S**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.
Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.
General Binding Corp., 812 W. Belmont Ave., Chicago 14, Ill.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
Mick, Walter K., Co., 500 Robert St., St. Paul 1, Minn.
Nygren-Dahly Company, 1422 W. Altgeld St., Chicago 14, Ill.
Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.
○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.
Rosback, F. P., Co., 225 Fifth Ave., Benton Harbor, Mich.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.
Spiral Binding Co., Inc., Coliseum Tower, 10 Columbus Circle, New York 19, N. Y.
Standard Paper Box Machine Co., Inc., 476 Broome St., New York 13, N. Y.
Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.

**PLATE PRESSES**
See under Presses 6T.

**PLATFORM TRUCKS**
See Paper Cutting and Processing 4D.

**POTS AND KETTLES, GLUE**
See under Gluing and Pasting Equipment 6M.

**PRESSES 6T**
6T1 Backers.
Baling.
See Waste Paper Balers 8L.
6T2 Banding and Bundling.
6T3 Die Stamping.
6T4 Embossing.
6T10 Gold Stamping.
6T11 Imprinting.
6T9 Padding.
6T5 Pallet.
6T6 Plate Printing.
See also Pressroom 5N and 5LL.
6T7 Standing.
6T8 Tabbing.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—6T2.
Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill.—6T2, 6T8.
Apex Machine Co., 14-13—118th St., College Point 56, N. Y.—6T4, 6T10.
Berlin & Jones Co., 601 W. 26th St., New York 1, N. Y.—6T2.
Berry Machine Co., 716 N. First St., St. Louis 2, Mo.—6T2, 6T7.
○Brandtjen & Kluge, Inc., 653 Gaultier, St. Paul 3, Minn.—6T3, 6T4.
Champion Manufacturing Co., Inc., 824 N. Caldwell St., Charlotte 6, N. C.—6T9.
○Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.—6T3, 6T4.
Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.—6T4.
Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.—6T1.
Cronite Company, Inc., 8070 Hudson Blvd., North Bergen, N. J.—6T3.
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.—6T1, 6T2, 6T3, 6T4.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.
Dollahite, K. J. Co., 106 W. 15th St., Ft. Worth 2, Tex.—6T9.
Franklin Manufacturing Corp., 692 Pleasant St., Norwood, Mass.—6T4, 6T10.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—6T1, 6T2, 6T3, 6T4, 6T5, 6T6, 6T7, 6T8, 6T9, 6T10.
Gerrard Steel Strapping Dept., U. S. Steel Supply Div., U. S. Steel Corp., 208 S. LaSalle St., Chicago 4, Ill.—6T2.
Gibson Specialties, 6333 S. Ashland Ave., Chicago 36, Ill.—6T9.
Grauert, Ralph W., 100 Gold St., New York 38, N. Y.—6T3.
Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.—6T10.
Halvorfold Kwikprint Co., 700 E. Union St., Jacksonville, Fla.—6T4, 6T10.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—6T1, 6T3, 6T4.
○Heidelberg Automatic Presses (See Manufacturers', Suppliers', and Dealers' Index)—6T3, 6T4.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.—6T1, 6T2, 6T5, 6T7.
Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.—6T2, 6T4.
Mendes, J. Curry, Corp., New Bedford Industrial Park, New Bedford, Mass.—6T11.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.—6T4.
OlsenMark Corporation, 124 White St., New York 13, N. Y.—6T4, 6T10.
Peerless Roll Leaf Co., Inc., 4511 New York Ave., Union City, N. J.—6T4, 6T10.
Potdevin Machine Co., 297 North St., Teterboro, N. J.—6T4.
Renz, Fred, & Sons, Inc., 7025—83rd St., Glendale, L. I. 27, N. Y.—6T2.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.—6T1, 6T3, 6T4.
Simplex Gold Stamping Press Co., 55 W. 42nd St., New York 36, N. Y.—6T4, 6T10.
Telemat Corporation, 21 Lafayette St., Worcester 8, Mass.—6T9.
Thomson - National Press Co., Dean Ave., Franklin, Mass.—6T3, 6T4.
Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa.—6T10.

**PROCESS BINDING 6HH**
6HH1 Machines.
6HH2 Materials.
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill. Hot melt binding.
General Binding Corp., 1101 Skokie Hgwy., Northbrook, Ill.—6HH1, 6HH2.
Nygren-Dahly Company, 1422 W. Altgeld St., Chicago 14, Ill. Punch heads for various systems, punch blocks for various sizes and styles of holes.
Plastic Binding Corp., 732 Sherman St., Chicago 5, Ill.—6HH1, 6HH2.
Reeve Electronics, Inc., 609 W. Lake St., Chicago 6, Ill.
Sloves Mechanical Binding Co., 601 W. 26th St., New York 13, N. Y.
Spiral Binding Co., Inc., Coliseum Tower, 10 Columbus Circle, New York 19, N. Y.
Tauber Plastics, Inc., 200 Hudson St., New York 13, N. Y.—6HH1, 6HH2.

**PRESSES, BALING**
See Waste Paper Balers 8L.

**PRINTING PRESSES**
See under Pressroom 5LL.

**PUNCHING, PERFORATING AND ROUND CORNERING MACHINES**
See Perforating, Punchings and Round Cornering Machines 6S.

## R

**RECORDERS, TIME CLOCK**
See Miscellaneous 8J.

**REGISTER CONTROLS, WEB 6NN**
6NN2 Feeding, Folding and Delivery.
6NN1 Web Register Controls.
Champlain Company, Inc., Harrison Ave., Roseland, N. J.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Photoswitch Division, Electronics Corp. of America, Cambridge 42, Mass.—6NN1.

**REWINDING AND SLITTING MACHINES**
See Slitting and Rewinding Machines 6Z.

**ROLL-LEAF FEEDERS**
See Pressroom 5Q.

**ROUND CORNER CUTTERS 6U**
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.
Climax Manufacturing Co., 1025 E. Chestnut St., Santa Ana, Calif.
Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.
Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, Ohio.

**ROUND CORNERING, PERFORATING AND PUNCHING MACHINES**
See Perforating, Punching and Round Cornering Machines 6S.

**ROUNDING AND BACKING MACHINES 6V**
Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.
Gane Bros. & Lane Inc., 1335 W. Lake St., Chicago 7, Ill.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

**RULING MACHINES AND ACCESSORIES 6W**
Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa. Inserting attachment.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.
Renz, Fred, & Sons, Inc., 7025—83rd St., Glendale, L. I., 27, N. Y.
Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass.

## S

**SAFETY CANS**
See Composing Room 1Y.

**SAWS, BAND, FOR GANG WORK 6RR**
DoAll Company, The, 254 N. Laurel Ave., Des Plaines, Ill.

**SCORING MACHINES**
See under Crimping, Creasing and Scoring Machines 6G.

**SEWING MACHINES 6X**
6X1 Machines.
6X2 Needles.
Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill.—6X1.

Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.—6X1.
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—6X1.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y. —6X1.
Stolp-Gore Co., 123 S. Jefferson St., Chicago 6, Ill.—6X1.

**SHEARS AND BLADES 6Y**
**6Y2 Blades.**
**6Y1 Shears.**
Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis 10, Mo. —6Y2.
Coes Knife Co., 72 Coes St., Worcester 3, Mass.
Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa.—6Y2.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—6Y1, 6Y2.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.—6Y1.
Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.—6Y1, 6Y2.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
Wapakoneta Machine Co., Wapakoneta, O.—6Y2.

**SIGNATURE BUNDLING PRESSES**
See under Presses 6T.

**SIGNATURE NOTCHER 6VV**
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**SKIDS FOR TRUCKS**
See Paper Cutting and Processing 4D.

**SLITTING AND REWINDING MACHINES 6Z**
○Alico, Incorporated, Montague, Mass.
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.
Bagley & Sewall Co. Div., Black Clawson, 101 Pearl St., Watertown, N. Y.
Beck, Charles, Machine Corp., 42 Church Rd., King of Prussia, Pa.
Cameron Machine Co., Franklin Rd., Dover, N. J.
Champlain Company, Inc., Harrison Ave., Roseland, N. J.
Cottrell Company, The, Sub. Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.
Davidson Perforator Co., 319 Main St., East Berlin, Conn.
Dietz Machine Works, 126 W. Fontain St., Philadelphia 22, Pa.
Dilts Division, Black-Clawson Co. 46 N. First St., Fulton, N. Y.
Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa. Knives only.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.
Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.
Hudson Sharp Machine Co., Sub. Food Machinery & Equipment Corp., 1201 Main St., Green Bay, Wis.
Johnstone Engineering and Machine Co., First Ave. and Gay St., Parkesburg, Pa.
Kidder Press Co., Inc., 121 Broadway, Dover, N. H.
Manhasset Machine Co., Inc., 409 Bayview Ave., Amityville, N. Y.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.
Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.
Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.
Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.
Potdevin Machine Co., 297 North St., Teterboro, N. J.
Simonds Worden White Co., Summit St. at Negley Place, Dayton 7, O.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.
Waldron, John, Corp., P.O. Box 791, New Brunswick, N. J.
Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.
Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

**SLOTTING MACHINES**
See Drilling and Drill Slotting Machines 6H.

**SMASHING MACHINES**
See Book Smashing Machines 6D.

**STABBING MACHINES 6AA**
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.

**STANDING PRESSES**
See under Presses 6T.

**STAPLING MACHINES 6BB**
**6BB1 Machines.**
**6BB2 Wire.**
Acme Staple Co., W. Main St., Franklin, N. H.—6BB1, 6BB2.
American Steel & Wire Div., U. S. Steel Corp., 614 Superior Ave., N.W., Cleveland 13, O.—6BB2.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○American Wood Type Mfg. Co., 42-25 Ninth St., Long Island City 1, N. Y.—6BB1.
Bostitch, Incorporated, East Greenwich, R. I.—6BB1, 6BB2.
Chicago Steel & Wire Co., 10257 Torrence Ave., Chicago 17, Ill. —6BB2.
Fastener Corporation, C. B. Nelson Co. Div., 3702 River Rd., Franklin Park, Ill. — 6BB1, 6BB2.
Markwell Manufacturing Co., Inc., 200 Hudson St., New York 13, N. Y.—6BB1, 6BB2. Hand operated.
New Jersey Wire Stitching Machine Co., 604 S. Second St., Camden 3, N. J.—6BB1.
Porter, H. K., Co., Riverside-Alloy Metal Div., 439 Dwight St., Holyoke, Mass.—6CC2.

**STITCHING MACHINES 6CC**
**6CC1 Machines.**
**6CC2 Wire.**
Acme Steel Co., 135th St., and Perry Ave., Chicago 27, Ill.—6CC1, 6CC2.
American Steel & Wire Div., U. S. Steel Corp., 614 Superior Ave., N.W., Cleveland 13, O.—6CC2.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Bostitch, Incorporated, East Greenwich, R. I.—6CC1, 6CC2.
Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill.—6CC1.
Chicago Steel & Wire Co., 10257 Torrence Ave., Chicago 17, Ill. —6CC2.
Davidson Perforator Co., 319 Main St., East Berlin, Conn.—6CC1.
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.—6CC1, 6CC2.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Gitzendanner-Muller Company, 15 Vandewater St., New York 38, N. Y.—6CC1, 6CC2.
Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—6CC1, 6CC2.
Inland Wire Products Co., 3947 S. Lowe Ave., Chicago 9, Ill.—6CC2.
Markwell Manufacturing Co., Inc., 200 Hudson St., New York 13, N. Y.—6CC1, 6CC2. Hand operated.
Mendes, J. Curry, Corp., New Bedford Industrial Park, New Bedford, Mass.—6CC1.
New Jersey Wire Stitching Machine Co., 604 S. Second St., Camden 3, N. J.—6CC1.
Pabich, W. R., Mfg. Co., Inc., 2323 N. Knox Ave., Chicago 39, Ill.—6CC1, 6CC2.
Porter, H. K., Co., Riverside-Alloy Metal Div., 439 Dwight St., Holyoke, Mass.—6CC2.
Rosback, F. P., Co., 225 Fifth Ave., Benton Harbor, Mich.
Schriber Machinery Co., 4900 Webster St., Dayton 4, O.—6CC1.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y. —6CC1, 6CC2.
Standard Paper Box Machine Co., Inc., 476 Broome St., New York, N. Y.—6CC1.
Stolp-Gore Co., 123 S. Jefferson St., Chicago 6, Ill.

**STRINGING, KNOTTING AND LOOPING MACHINES**
See Knotting, Looping and Stringing Machines 6N.

**STRIPPING MACHINES**
See under Gluing and Pasting Equipment 6M.

**SUPPLIES 6DD**
**6DD1 Index Tabs.**
Aigner, G. J., Co., 426 S. Clinton St., Chicago 7, Ill.—6DD1.
Best, Edward H., & Co., 210 Lincoln St., Boston 5, Mass.
Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.
Ryan, E. G., and Co., 153 W. Huron St., Chicago 10, Ill.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.
Superior-Tabbies, Inc., 900 N. Franklin St., Chicago 11, Ill.

## T

**TAB CUTTING MACHINES**
See Perforating, Punching and Round Cornering Machines 6S.

**TABBING PRESSES**
See under Presses 6T.

**TAPE**
See Binding Materials 6B.

**TABLES 6EE**
**6EE1 Gathering.**
○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich.—6EE1.
Equipto, 401 S. Highland, Aurora, Ill.
Evans Specialty Co., Inc., 2401 Venable St., Richmond 23, Va. —6EE1.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—6EE1.
Gustafson Tool Co., 239 Centre St., New York 13, N. Y.
○Hamilton Manufacturing Co., 1316 —18th St., Two Rivers, Wis.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.
○Jampol Corporation, The, 728—61st St., Brooklyn 20, N. Y.
Lyon Metal Products, Inc., Aurora, Ill.
Metwood Manufacturing Co., Inc., Spruce St., Hanover, Pa.
Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill. —6E1.
S & M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif.
Thompson Cabinet Co., Laura St., Ludington, Mich.—6EE1.

**THREAD AND TWINE**
See Binding Materials 6B.

**TIME CLOCKS, RECORDERS**
See Miscellaneous 8J.

**TIN MOUNTING MACHINES**
See Metal Edging Machines 6MM.

**TIPPING MACHINES 6GG**
Brackett Stripping Machine Co., 505 Jackson St., Topeka, Kan.
○Didde-Glaser Incorporated, 50 Highway and W. 12th Ave., Emporia, Kan.
Dollahite, K. J., Co., 106 W. 15th St., Ft. Worth 2, Tex.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Mendes, J. Curry, Corp., New Bedford Industrial Park, New Bedford, Mass.
Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.
Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.
Robertson Brothers, Inc., 117 Cedar Lane, Englewood, N. J.
Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.
Willsea Works, 371 St. Paul Ave., Rochester 5, N. Y.

**TOOLS 6FF**
**Hammers, Bone Folders, Polishers, etc.**
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.

**TRIMMERS, CONTINUOUS**
See Continuous Trimmers 6F.

**TRIMMERS, PUBLICATION 6YY**
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill.
Harris-Seybold Company, Div. of Harris-Intertype Corp. 4510 E. 71st St., Cleveland 5, O.
Lawson Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

**TRIM WASTE REMOVAL 6BBB**
Ohio Blow Pipe Co., 1731 Doan Ave., Cleveland 12, O.

**TRUCKS, BINDERY**
See Paper Cutting and Processing 4D.

**TYPE**
See Composing Room 1EE.

## V

**VARNISHING MACHINES**
See under Miscellaneous 8G.

## W

**WIPING CLOTHS**
See Pressroom 5VV.

**WIRE FOR STAPLING MACHINES**
See under Stapling Machines 6BB.

**WIRE FOR STITCHING MACHINES**
See under Stitching Machines 6CC.

***Printing Production* Filing System**

# 7 — Mailing and Shipping Index

**HOW TO USE THIS INDEX**—This Mailing and Shipping Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

## KEY FOR MAILING AND SHIPPING INDEX

**7A Adhesives**

**7B Addressing and Mailing Machines**
- 7B1 Addressing
- 7B2 Mailing
- 7B3 Strip Printing
- 7B4 Wrapper Printing and Wrapping

**7L Bundling Devices**

**7O Conveyors**

**7S Inserting and Mailing Machines**

**7T Labeling Machines**
- 7T2 Automatic
- 7T1 Hand

**7C Mailing Wrapper Pasting Device**

**7D Newspaper Inserting Machines**

**7E Packaging and Tying Machines**

**7R Postal Meters**

**7F Scales**
- 7F1 Platform
- 7F2 Postal

**7M Sealing Machines**
- 7M2 Heat Sealing
- 7M1 Seal Fastening

**7P Stencil and Marking Supplies**

**7G Stitching Machines and Wire**

**7Q Supplies**
- 7Q1 Galley Paper
- 7Q3 Mailing Bags
- 7Q2 Mailing Wrapper

**7H Tables**

**7N Tags**

**7J Tape Moisteners and Tape**
- 7J1 Moisteners
- 7J2 Tape

**7K Wire and Strapping**

## MAILING AND SHIPPING EQUIPMENT AND SUPPLIES MAIN AND CROSS-INDEX

**○ Indicates advertiser. See Advertisers' Index, Pages B-C-D.**

### A

**ADHESIVES 7A**

American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.

○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y.

○Cheshire, Incorporated, 1644 N. Honore St., Chicago 22, Ill.

Cooper, Peter, Corps., Palmer St., Gowanda, N. Y.

Goodrich, B. F., Industrial Products Div., 500 S. Main St., Akron 18, O.

Green's Paste Works, 200 Liverpool Rd., Liverpool, N. Y.

Hoyt, Arthur S., Co., Inc., 20 Jerusalem Ave., Hicksville, L.I., N. Y.

Manhattan Adhesives Corp., 425 Greenpoint Ave., Brooklyn 22, N. Y.

Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Adhesive two side mounting film.

Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.

National Adhesives Div., National Starch Products, Inc., 750 Third Ave., New York, N. Y.

Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y.

Union Rubber & Asbestos Co., 232 Allen St., Trenton 6, N. J.

**ADDRESSING AND MAILING MACHINES 7B**

**7B1 Addressing.**

**7B2 Mailing.**

**7B3 Strip Printing.**

**7B4 Wrapper Printing and Wrapping.**

Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.—7B1, 7B2, 7B3, 7B4.

Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill.

○Cheshire, Incorporated, 1644 N. Honore St., Chicago 22, Ill.—7B2.

Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill.—7B2.

Dick Mailer Co., The, 137 W Tupper St., Buffalo 1, N. Y 7B2.

○Magnacraft Manufacturing Co., 7739 S. Kedzie Ave., Chicago 29, Ill.—7B1, 7B2, 7B3, 7B4.

Marsh Stencil Machine Co., 707 E. B St., Belleville, Ill.

Martin, L. C., & Associates, 302 Crestwood Village, Northfield, Ill.—7B1, 7B2, 7B4.

Mayvan Corporation, 1141 N. Washington Ave. Scranton 9, Pa.—7B2, 7B4. Wrapping only.

Moore, Kenneth J., & Co., 1778 W. Estes Ave., Chicago 26, Ill.—7B4.

○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—7B1.

Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.—7B1, 7B2.

Pollard-Alling Mfg. Co., 220 W. 19th St., New York 11, N. Y. —7B1 7B2, 7B3 7B4.

○Radio Corp. of America, Industrial Electronic Products Div., Front and Cooper, Camden, N. J.—7B1.

○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y. —7B4. Wrapping machines.

Wing's, Chauncey, Sons, 78 Pierce St., Greenfield, Mass. — 7B1, 7B2, 7B3.

**AUTOMATIC NEWSPAPER STUFFING MACHINES**

See Newspaper Inserting Machines 7D.

### B

**BALERS FOR WASTE PAPER**

See Waste Paper Balers 8L.

**BANDING AND BUNDLING PRESSES**

See Bindery 6T.

**BOX SEALERS**

See Stitching Machines and Wire 7G.

**BUNDLING DEVICES 7L**

Hudson Sharp Machine Co., Sub. Food Machinery and Chemical Corp., 1201 Main St., Green Bay, Wis.

Inland Wire Products Co., 3947 S. Lowe Ave., Chicago 9, Ill.

Tie Company, 14 Depot St., Unadilla, N. Y.

○Toronto Star, Ltd., The, 275 Albany Ave., Toronto 4, Canada.

○Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

**BUNDLING PRESSES**

Bindery 6T.

### C

**CARTON SEALERS**

See Stitching Machines and Wire 7G.

**CONVEYORS 7O**

Beacon Machinery, Inc., 31st and Tudor Sts., P.O. Box 188, East St. Louis 17, Ill.

○Jampol Corporation, The, 728—61st St., Brooklyn 20, N. Y.

Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.

○Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

Metzgar Conveyor Co., 412 Douglas St. N.W., Grand Rapids 4, Mich.

○Radio Corp. of America, Industrial Electronic Products Div., Front and Cooper, Camden, N. J.

○Toronto Star, Ltd., 275 Albany Ave., Toronto 4, Can.

Webb Machine Works, 1252 Dalzell St., Shreveport, La.

○Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

### G

**GALLEYS**

See Composing Room 1M.

**GLUE**

See Adhesives 7A.

**GLUE HEATERS AND POTS**

See Bindery 6M.

### I

**INKS**

See Pressroom 5W.

**INSERTING MACHINES**

See Newspaper Stuffing Machines 7D.

**INSERTING AND MAILING MACHINES 7S**

Cummington Corporation, 718 Beacon St., Boston 15, Mass.

Inserting and Mailing Machine Co., P. O. Box 186, Phillipsburg, N. J.

○Magnacraft Manufacturing Co., 7739 S. Kedzie Ave., Chicago 29, Ill.

McAdams, John, & Sons, Inc., 29 Knight St., Norwalk, Conn.

Parnat Business Machines Corp., 1816 Boston Rd., New York 60, N. Y.

Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.

○Sheridan T. W. & C. B. Co., 220 Church St., New York 13, N. Y.

### J

**JOGGING MACHINES**

See Pressroom 5Z.

### L

**LABELING MACHINES 7T**

**7T1 Hand.**

**7T2 Automatic.**

Better Packages, Inc., Plant No. 2, 255 Canal St., Shelton, Conn.

○Cheshire, Incorporated, 1644 N. Honore St., Chicago 22, Ill.—7T1, 7T2.

Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill.—7T2.

○Magnacraft Manufacturing Co., 7739 S. Kedzie Ave., Chicago 29, Ill.—7T2.

Moore, Kenneth J., & Co., 1778 W. Estes Ave., Chicago 26, Ill.

Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.—7T1, 7T2.

Pollard-Alling Mfg. Co., 220 W. 19th St., New York 11, N. Y.

Potdevin Machine Co., 297 North St., Teterboro, N. J.—7T1, 7T2.

Wing's, Chauncey, Sons, 78 Pierce St., Greenfield, Mass.—7T1.

### M

**MAILING MACHINES**

See under Addressing and Mailing Machines 7B.

**MAILING TABLES**

See Tables 7H.

**MAILING WRAPPER PASTING DEVICES 7C**
○Magnacraft Manufacturing Co., 7739 S. Kedzie Ave., Chicago 29, Ill.
Martin, L. C., & Associates 302 Crestwood Village, Northfield, Ill.

**MOISTENERS FOR TAPE**
**See Tape Moisteners 7J.**

## N

**NEWSPAPER INSERTING MACHINES 7D**
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.
○Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

## P

**PACKAGING AND TYING MACHINES 7E**
○American Steel Chase Co., 31-31 48th Ave., Long Island City 1, N. Y.
Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill.
Bunn, B. H., Co., 7605 Vincennes Ave., Chicago 20, Ill.
Chandler Sales & Service Co., 245 Seventh Ave., New York 1, N. Y.
Davidson Perforator Co., 319 Main St., East Berlin, Conn.
Gerrard Steel Strapping Dept., U. S. Steel Supply Div., U. S. Steel Corp., 208 S. La Salle St., Chicago 4, Ill.
Inland Wire Products Co., 3947 S. Lowe Ave., Chicago 9, Ill.
○Jampol Corporation, 728—61st St., Brooklyn 20, N. Y.
Martin, L. C., & Associates, 302 Crestwood Village, Northfield, Ill.
National Bundle Tyer Co., 320 Adrian St., Blissfield, Mich.
Signode Steel Strapping Co., 2600 N. Western Ave., Chicago 47, Ill.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.
○Toronto Star, Ltd., The, 275 Albany Ave., Toronto 4, Canada.
○Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

**PAPER BALERS**
**See Waste Paper Balers 8L.**

**PASTE**
**See Adhesives 7A.**

**PASTE POTS**
**See Bindery 6M.**

**PASTING DEVICE FOR MAILING WRAPPERS**
**See Mailing Wrapper Pasting Device 7C.**

**POSTAL METERS 7R**
Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.

**POTS FOR PASTE**
**See Bindery 6M.**

**PRESSES, BANDING AND BUNDLING**
**See Bindery 6T.**

**PROOF PRESSES**
**See Composing Room 1V.**

## R

**ROLLERS FOR PROOF PRESSES**
**See Pressroom 5NN.**

## S

**SAFETY CANS**
**See Composing Room 1Y.**

**SCALES 7F**
**7F1 Platform.**
**7F2 Postal.**
Cummington Corporation, 718 Beacon St., Boston 15, Mass.—7F2.
Manning, Maxwell & Moore, Inc., Shaw-Box Crane & Hoist Div., W. Broadway, Muskegon, Mich.—7F1.
National Baling Press and Equipment Co., 1071 E. 48th St., Brooklyn 34, N. Y.—7F1.
Pelouze Manufacturing Co., 1218 Chicago Ave., Evanston, Ill.—7F2.
Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.—7F1, 7F2.

**SEALING MACHINES 7M**
**7M1 Seal Fastening.**
**7M2 Heat Sealing.**
Better Packages, Inc., Plant No. 2, 255 Canal St., Shelton, Conn.—7M1.
Marsh Stencil Machine Co., 707 East B St., Belleville, Ill. Electric Dial Taper.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—7M1.
Nashua Package Sealing Div., Nashua Corporation, 44 Franklin St., Nashua, N. H.
Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.

**STENCIL AND MARKING SUPPLIES 7P**
Markwell Manufacturing Co., Inc., 200 Hudson St., New York 13, N. Y.
Marsh Stencil Machine Co., 707 East B St., Belleville, Ill.
Tintograph Company, 68 Jay St., Brooklyn 1, N. Y.

**STITCHING MACHINES AND WIRE 7G**
Acme Steel Co., 135th St. and Perry Ave., Chicago 27, Ill.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Bostitch, Incorporated, East Greenwich, R. I.
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Industrial Fastener Div., Heller Roberts Mfg. Corp., 6115 Carnegie Ave., Cleveland 3, O.
Markwell Manufacturing Co., Inc., 200 Hudson St., New York 13, N. Y.
New Jersey Wire Stitching Machine Co., 604 S. Second St., Camden, N. J.
Pabich, W. R., Mfg. Co., Inc., 2323 N. Knox Ave., Chicago 39, Ill.
Rosback, F. P., Co., 225 Fifth Ave., Benton Harbor, Mich.

**STRIP PASTING MACHINES**
**See under Addressing and Mailing Machines 7B.**

**SUPPLIES 7Q**
**7Q1 Galley Paper.**
**7Q2 Mailing Wrapper.**
**7Q3 Mailing Bags.**
Bemis Bro. Bag Co., 408 Pine St., P.O. Box 133, St. Louis 2, Mo.—7Q3.
○Paper Manufacturers Co., 9800 Bustleton Ave., Philadelphia 15, Pa.—7Q1, 7Q2.

## T

**TABLES 7H**
Equipto, 401 S. Highland, Aurora, Ill.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Gustafson Tool Co., 239 Centre St., New York 13, N. Y.
○Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
○Jampol Corporation, 728—61st St., Brooklyn 20, N. Y.
Lyon Metal Products, Inc., Aurora, Ill.
Metwood Manufacturing Co., Inc., Spruce St., Hanover, Pa.
Thompson Cabinet Co., Laura St., Ludington, Mich.
○Toronto Star, Ltd., 275 Albany Ave., Toronto 4, Can.

**TAGS 7N**
Dennison Manufacturing Co., 300 Howard St., Framingham, Mass.

**TAPE MOISTENERS AND TAPE 7J**
**7J1 Moisteners.**
**7J2 Tape.**
American Tape Co., 4058 Beaufait Ave., Detroit 7, Mich.—7J2.
Better Packages, Inc., Plant No. 2, 255 Canal St., Shelton, Conn.—7J1, 7J2.
Gerrard, A. J., & Co., 1950 Hawthorne Ave., Melrose Park, Ill.—7J2.
Gummed Tape & Devices Co., 1060 Rogers Ave., Brooklyn 26, N. Y.—7J1, 7J2.
Marsh Stencil Machine Co., 707 East B St., Belleville, Ill.—7J1.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—7J2.
Nashua Package Sealing Div., Nashua Corporation, 44 Franklin St., Nashua, N. H.—7J1, 7J2.

**TIME CLOCKS, RECORDERS**
**See Miscellaneous 8J.**

**TRUCKS**
**See Paper Cutting and Processing 4D.**

**TYING AND PACKAGING MACHINES**
**See Packaging and Tying Machines 7E.**

## W

**WASTE CANS, SAFETY**
**See Composing Room 1Y.**

**WASTE PAPER BALERS**
**See Miscellaneous 8L.**

**WIPING CLOTHS**
**See Pressroom 5VV.**

**WIRE AND STRAPPING 7K**
Chicago Steel & Wire Co., 10257 Torrence Ave., Chicago 17, Ill.
Gerrard, A. J., & Co., 1950 Hawthorne Ave., Melrose Park Ill.
Gerrard Steel Strapping Dept., U. S. Steel Supply Div., U. S. Steel Corp., 208 S. La Salle St., Chicago 4, Ill.
Porter, H. K., Co., Riverside-Alloy Metal Div., 439 Dwight St., Holyoke, Mass.
Signode Steel Strapping Co., 2600 N. Western Ave., Chicago 47, Ill.
○Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

**WIRE FOR BALING**
**See Waste Paper Balers 8L.**

**WIRE FOR STITCHING MACHINES**
**See Stitching Machines and Wire 7G.**

**WRAPPER PASTING DEVICES**
**See Mailing Wrapper Pasting Devices 7C.**

**WRAPPER PRINTING MACHINES**
**See under Addressing and Mailing Machines 7B.**

**WRAPPING MACHINES**
**See under Addressing and Mailing Machines 7B.**

***Printing Production* Filing System**

# 8 — Miscellaneous Index

**HOW TO USE THIS INDEX**—This Miscellaneous Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

## KEY FOR MISCELLANEOUS INDEX


**8A Air Conditioning**
**8B Architects and Engineers**
**8N Auctioneers**
**8C Bag Making**
**8M Books**
**8D Box and Carton Equipment and Supplies**
**8U Business Forms Equipment**
- 8U4 Business Forms Collators
- 8U5 Carbon Interleaver
- 8U10 Carbon Paper
- 8U7 Carbon Processor
- 8U6 Continuous Form Stapler
- 8U3 Equipment and Supplies
- 8U8 Hot Spot Carbon Machine
- 8U9 Hot Spot Carbonizing for the Trade
- 8U1 Presses
  - 8U1.1 Hot Spot
  - 8U1.2 Sales Book
- 8U2 Slitters and Rewinders

**8T Conveyor Systems**
- 8T3 General
- 8T1 Magazine and Newspaper
- 8T2 Mailing Room

**8R Diemaking Equipment**
- 8R1 Embossing Dies
- 8R6 Jackets
- 8R2 Rule Benders
- 8R5 Steel Rule
- 8R3 Steel Rule Dies
- 8R4 Wood Block

Die Cutting Machines See Bindery 6LL

Die Cutting Presses See Pressroom 5M

**8Q Employment Service**
**8V Fire Prevention**
**8S Flooring**
**8E Macerating Machines**
**8F Machinery Dealers**
**8W Machinery Movers and Installers**
**8G Paraffining, Varnishing, Waxing**
**8P Production Methods**
**8H Silk Screen**
- 8H7 Cabinets (Stencil)
- 8H8 Camera
- 8H6 Drying Units
- 8H1 Film
- 8H2 Ink
- 8H3 Presses, Printing
- 8H4 Stencil Sheets
- 8H5 Supplies

**8J Time Clocks, Recorders**
**8K Vibration Eliminating**
**8L Waste Paper Balers**


## MISCELLANEOUS EQUIPMENT AND SUPPLIES INDEX

**○ Indicates advertiser. See Advertisers' Index, Pages B-C-D.**

### 8A AIR CONDITIONING EQUIPMENT AND SUPPLIES

**Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y.**

**American Blower Div. of American-Standard, 8111 Tireman Ave., Dearborn, Mich.**

**American Coils Co., Rt. 524, Lakewood Rd., Farmingdale, N. J.**

**Armstrong Machine Works, 847 Maple St., Three Rivers Mich**

**○Bahnson Company, The, 1001 S. Marshall St., Winston-Salem, N. C.**

**Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.**

**Carrier Corporation, Carrier Pkwy., Syracuse 1, N. Y.**

**○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.**

**Logan Engineering Co. 4901 W. Lawrence Ave Chicago 30 Ill.**

**M-D Blowers, Inc., Sub. Miehle-Goss-Dexter, Inc., 100 Fourth St., Racine, Wis.**

**Murray, D. J., Mfg. Co., 1002 Third St., Wausau, Wis.**

**Offen, B., & Co., 29 E. Madison St., Chicago 2, Ill.**

**Paasche Airbrush Co. Div., Cline Electric Mfg. Co., 1909 Diversey Pkwy., Chicago 14, Ill.**

**Park-Cramer Company, Newport St., Fitchburg, Mass.**

**Research Products Corp., 1015 E. Washington Ave., Madison 10, Wis.**

**Southworth Machine Co., 30 Warren Ave., Portland 5, Me.**

**Static Eliminator Co., 239 Centre St., New York 13, N. Y.**

**Surface Combustion Corp., 2375 Dorr St., Toledo 1, O.**

**Taylor Instrument Companies, 95 Ames St., Rochester 1, N. Y.**

**Utility Heater Co., 239 Centre St., New York 13, N. Y.**

**Walton Laboratories, Inc., 1186 Grove St., Irvington 11, N. J. Humidifiers and dehumidifiers, humidity controls.**

**Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.**

**Wing, L. J., Mfg. Co., N. Stiles St., Linden, N. J.**

**York Corporation, Sub. of Borg Warner, Grantley Rd., York, Pa.**

### 8B ARCHITECTS, ENGINEERS AND DESIGNERS

**○American Type Founders, Inc., 200 Elmora Ave., Elizabeth N.J.**

**Austin Company, 16112 Euclid Ave., Cleveland 12, O.**

**Crawford, E. A., Co., P O. Box 2216 Edgewood Sta., Providence 5, R. I. Consulting, research and machine designing services.**

**Davis, W. F., Consultants, P.O. Box 179, Hightstown N. J. Custom designer to printers requirements.**

**de Florez Company, Inc., The, 200 Sylvan Ave., Englewood Cliffs, N. J. Development and design engineers.**

**Dickerson, Robert W., Architect, 2063 E. Fourth St., Cleveland 15, O. Newspaper and printing plant engineering and architectural service.**

**Dutro, Orville, & Son, Inc., 117 W. Ninth St., Los Angeles 15, Calif. Designers of printing machinery.**

**Foster, F. B., 57 Riverside Ave., Riverside, Conn. Consultant for all phases of tape operation of linecasting machines.**

**Freedman, Olin E., 201 E. Walton Pl., Chicago 11, Ill.—Consultant to management in the Graphic Arts and allied industries.**

**Graphic Arts Industry, Inc., 1104 Currie Ave., Minneapolis 3, Minn. Management consultants and printing plant engineering.**

**Greer, Robert Royden, 5201 Wilshire Blvd., Los Angeles 36, Calif. Printing engineer and appraisals.**

**○Hantscho, George, Co., Inc., 602 S. Third Ave., Mount Vernon N. Y. Offset and letterpress web printing presses designed and built to specifications.**

**Hartnett, R. W., Co., 1025 Cherry St., Philadelphia 7, Pa. Special machinery designed and built for any purpose in the Graphic Arts industry.**

**Hoch, Fred W., Associates, Inc., 461 Eighth Ave., New York 1, N. Y. Plant engineering and production services.**

**Huck Company, 72 W. 45th St., New York 36, N. Y. Special machinery designers.**

**Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.**

**Humphrey Design & Mfg. Inc., 16343 Euclid Ave., East Cleveland 12, O. Designs and develops special machinery for packaging and converting purposes.**

**○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.; 50 Church St., New York 7, N. Y. Complete photoengraving engineering service.**

**Klingler, Karl A., 124 S. Washington, Naperville, Ill. Consulting engineer for design and development of various printing equipment.**

**Lorenz Printing Machine Co., Inc., 36-26—31st St., Long Island City 6, N. Y. Newspaper press engineers and machinists.**

**○Main, Chas. T., Inc., 80 Federal St., Boston 10, Mass. Architects, engineers and designers for newspaper, printing and publishing plants.**

**Miller Lauffer Printing Equipment Corp., 280 Lafayette St., New York 12, N. Y. Specialty engineering service.**

**○Model Planning Co., Inc., 164 Greenway West, New Hyde Park, N. Y. Tri-dimensional (1/48th scale) Graphic Arts planning models; advisory service.**

**○Monomelt Company, Inc., The, 1611 Polk St., N. E., Minneapolis 13, Minn. Designers of special machinery.**

**Moore, Jack, 560 Eastland Rd., Berea, O. Dispatch system designing and engineering.**

**Moore, Kenneth J., & Co., 1778 W. Estes Ave., Chicago 26, Ill.**

**Pearce Development Co., 1606 E. 30th St., Cleveland 14, O. Designers and builders of special machinery for paper converting and the Graphic Arts.**

**Powers, Mark E., 7041 N. Monon St., Chicago, Ill. Industrial engineers, plant layout and production analyses.**

**Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill.**

**Richardson-Sovde Co., Inc., 700 S. Fourth St., Minneapolis 15, Minn. Newspaper and commercial plant layouts.**

**Rockefeller, J. W., jr., and Associates, 640 Morris Turnpike, Short Hills, N. J. Consulting printing engineers.**

**Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J. Special machinery developed and built.**

**Scheinker, Ilya, Mechanical Engineering, 35 Great Jones St., New York 12, N. Y.**

**Simpson, J. M., 120 Liberty St., New York 6, N. Y. Equipment designer.**

**Swift Engineering Co., 7001 N. Clark St., Chicago 26, Ill. Architectural and engineering service for printing plants.**

**Technical Service Co., 2118 S. Bellaire, Denver 22, Colo. Consulting engineers specializing in newspaper plants.**

**Visual Plant Layouts, Inc., Pennsylvania Ave. at River, Oakmont, Allegheny County, Pa. Two and three dimensional plant layout methods.**

○Worthington, Emory W., and Associates, 957 E. Glen Ave., Ridgewood, N. J. Engineering and consulting service to equipment manufacturers and to publishing and printing plants.

Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill. Engineering and designing of special Graphic Arts machinery.

## 8N AUCTIONEERS

Greer, Robert Royden, 5201 Wilshire Blvd., Los Angeles 36, Calif.

Schwartz Bros., Auctioneers, 277 Broadway, New York 7, N. Y.

White, Sid, 132 Nassau St., New York 38, N. Y.

## 8C BAG MAKING EQUIPMENT AND SUPPLIES

American Evatype Corp., 749 Osterman Ave., Deerfield, Ill.

Champlain Company, Inc., Harrison Ave., Roseland, N. J.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.

Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.

Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 11, O.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.

Heinrich Equipment Corp., 111 Eighth Ave., New York 11, N. Y.

Henschel, C. B., Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis.

Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.

Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.

Manhasset Machine Co., Inc., 409 Bayview Ave., Amityville, N. Y.
Model Printing Equipment Corp., 511 Madison St., Hoboken, N. J.

Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.
Para-Flex Plate Corp., 21 E. 17th St., New York 3, N. Y.
Potdevin Machine Co., 297 North St., Teterboro, N. J.
Process Color Plate Co., 1200 W. Monroe St., Chicago 7, Ill.

Schweizer, Chas. K., Co. 231 Russell Ave., St. Louis 4, Mo.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.
Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.

Waldron, John, Corp., P.O. Box 791, New Brunswick, N. J.
Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.

Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

## 8M BOOKS

Hoch, Fred W., Associates, Inc., 461 Eighth Ave., New York 1, N. Y.
Lithographic Technical Foundation, 131 E. 39th St., New York 16, N. Y.

Porte Publishing Co., 952 E. 21st St., S., Salt Lake City 6, Ut.
○Printing Production Magazine, 1276 W. Third St., Cleveland 13, O.

## 8D BOX AND CARTON EQUIPMENT AND SUPPLIES

American Evatype Co., 749 Osterman Ave., Deerfield, Ill.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.
Beck, Charles, Machine Corp., 42 Church Rd., King of Prussia, Pa.
○Brandtjen & Kluge, Inc., 653 Gaultier, St. Paul 3, Minn.

Champlain Company, Inc., Harrison Ave., Roseland, N. J.
○Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.
Chicago Box Machine Works, Inc., 1810 W. Grand Ave., Chicago 22, Ill.
Chicago Steel & Wire Co., 10257 Torrence Ave., Chicago 17, Ill.
Cooper, Peter, Corps., Palmer St., Gowanda, N. Y.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.

Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.

Gerrard, A. J., & Co., 1950 Hawthorne Ave., Melrose Park, Ill.
Gerrard Steel Strapping Dept., U. S. Steel Supply Div., U. S. Steel Corp., 208 S. La Salle St., Chicago 4, Ill.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.
Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.

Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Hartnett, R. W., Co., 1025 Cherry St., Philadelphia 7, Pa. — Designers of special machines.
Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.

Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.
○Miehle Company, The, Div. Miehle-Goss-Dexter, 2011 W. Hastings St., Chicago 8, Ill.
Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

National Adhesives Div., National Starch Products, Inc., 750 Third Ave., New York, N. Y.

Paasche Airbrush Co., 1909 Diversey Parkway, Chicago 14, Ill.
Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.
Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.
Para-Flex Plate Corp., 21 E. 17th St., New York 3, N. Y.
Porter, H. K., Co., Riverside-Alloy Metal Div., 439 Dwight St., Holyoke, Mass.
○Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.
Process Color Plate Co., 1200 W. Monroe St., Chicago 7, Ill.

○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.

Schweizer, Chas. K., Co., 231 Russell Ave., St. Louis 4, Mo.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.
Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass.

Standard Paper Box Machine Co., Inc., 476 Broome St., New York 13, N. Y.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St., Paul 14, Minn.
Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.

Thomson-National Press Co., Dean Ave., Franklin, Mass.

Waldron, John, Corp., P.O. Box 791, New Brunswick, N. J.
Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.

Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

## 8U BUSINESS FORMS EQUIPMENT

8U4 Business Forms Collators.
8U5 Carbon Interleaver.
8U10 Carbon Paper.
8U7 Carbon Processor.
8U6 Continuous Form Stapler.
8U3 Equipment and Supplies.
8U8 Hot Spot Carbon Machine.
8U9 Hot Spot Carbonizing for the Trade.
8U1 Presses
8U1.1 Hot Spot.
8U1.2 Sales Book.
8U2 Slitters and Rewinders.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Brackett Stripping Machine Co., 505 Jackson St., Topeka, Kan., —8U1.1, 8U3.
Business Forms Equipment Co., 4036 N.E. Portland Bldg., Portland 11, Ore.—8U1.

○Didde-Glaser, Incorporated, 50 Highway and W. 12th Ave., Emporia, Kan.—8U4.
Dietz Machine Works, 126 W. Fountain St., Philadelphia 22, Pa.—8U2.
○Doven Division, Appleton Machine Co., 618 S. Oneida St., P.O. Box 468, Appleton, Wis.—8U1.1, 8U2.
Dutro, Orville, & Son, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—8U1.2.

McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.—8U1.1.
Mendes, J. Curry, Corp., New Bedford Industrial Park, New Bedford, Mass.—8U4, 8U10.

Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.—8U1, 8U2, 8U3.
Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.—8U1.
Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif. Snap-out glue tipping machine.

Schriber Machinery Co., 4900 Webster St., Dayton 4, O.—8U4, 8U5, 8U6, 8U7, 8U8.
Transkrit Corporation, 704 Broadway, New York 3, N. Y.—8U9.

## 8T CONVEYOR SYSTEMS

8T1 Magazine and Newspaper.
8T2 Mailing Room.
8T3 General.
○Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis. —8T1.

General Rubber Corp., Summitt and Attwood Sts., Tenafly, N. J.
Gifford-Wood Company, One Hudson Ave., Hudson, N. Y.—8T3.

○Jampol Corporation, 728—61st St., Brooklyn 20, N. Y.—8T1, 8T2, 8T3.

○Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

Metzgar Conveyor Co., 412 Douglas St. N.W., Grand Rapids 4, Mich.—8T3.

○Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

## 8R DIEMAKING EQUIPMENT AND DIES

8R1 Embossing Dies.
8R6 Jackets.
8R2 Rule Benders.
8R7 Score Cutting Machines.
8R5 Steel Rule.
8R3 Steel Rule Dies.
8R4 Wood Block.
Accurate Steel Rule Die Mfrs., 22 W. 21st St., New York 10, N. Y.—8R1, 8R3, 8R5, 8R6.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J. —8R3, 8R5.

Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.—8R6, 8R7.
Becker Bros. Engraving Co., 103 Lafayette St., New York 13, N. Y.—8R1.

Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.—8R2.

Irwin Manufacturing Co., Inc., Main St., Garland, Pa.—8R4.

May Machine Co., Inc., 195 Chrystie St., New York 2, N. Y.—8R1, 8R3.

Process Color Plate Co., 1200 W. Monroe St., Chicago 7, Ill.

○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—8R2.

Simonds Saw & Steel Co., 470 Main St., Fitchburg, Mass.—8R5.

Wells Manufacturing Co., 1701 S. Main St., South Bend 23, Ind.—8R4.

## 8Q EMPLOYMENT SERVICE

Graphic Arts Employment Service, 307 E. Fourth St., Cincinnati 2, O.

## 8V FIRE PREVENTION

Kidde, Walter, & Co., Inc., 657 Main St., Belleville 9, N. J.

Pyrene-C-O-Two Div., Fyr-Fyter Co., U. S. Highway 1, Newark 1, N. J.

Randolph Laboratories, Inc., 8 E. Kinzie St., Chicago 11, Ill.

United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.

## 8S FLOORING

○Alan Wood Steel Co., Conshohocken, Pa.
Aluminum Co. of America, 1501 Alcoa Bldg., Pittsburgh 19, Pa.

○Jampol Corporation, 728—61st St., Brooklyn 20, N. Y.

Tufcrete Company, Inc., 502 E. Locust St., Des Moines 9, Ia.

## 8E MACERATING MACHINES

Shredmaster Corporation, The, 9 E. 40th St., New York 16, N. Y. Paper shredding machines.

Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

## 8F MACHINERY DEALERS

Abrams, The M. L., Co., 1841 Prospect Ave., Cleveland 15, O.

**Allied Printing & Binding Machinery Co., 3767 Chester Ave., Cleveland 14, O.**
**Altair Machinery Corp., 55 Vandam St., New York 13, N. Y.**
American Graphic Arts Machinery Co., Inc., 132 Nassau St., New York 38, N. Y.
**○American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.**
**○American Type Founders, Inc., 200** Elmora Ave., Elizabeth, N. J.
American Wood Products & Tool Supply, 705 Montclaire Ave., Edwardsville, Ill.
○American Wood Type Mfg. Co., **42-25 Ninth St., Long Island** City 1, N. Y.
Ampress, Incorporated, 910 E. 138th St., Bronx, N. Y.
Amsterdam Continental Types & **Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.**
Arnold Numbering Machine Works, 434 S. Wabash, Chicago 5, Ill.
Atlas Numbering Machine Service, 270 Lafayette St., New York 12, N. Y.
**Atlas Printing Equipment Co., 270 Lafayette St., New York 12, N. Y.**
Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.

**Barager, M. E., Co., 6523—20th** Ave., N. E., Seattle 15, Wash.
**Barco Type Founders, 64 Wagner, Northlake, Ill.**
Barnhard Printers Supply Co., 7-13 Governor St., Newark 2, N. J.
Bauer Presses, Inc., 235 E. 45th St., New York 17, N. Y.
○Baum, Russell Ernest, Inc., 1540 Wood St., Philadelphia 2, Pa.
Baumgardner, H. K., Inc., 1909 Euclid Ave., Cleveland 15, O.
Berkley Machine Co., 819 E. 19th St., Kansas City 8, Mo.
**Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport** 2 Conn.
Buhler Brothers, Inc., 130 Coolidge Ave., Englewood, N. J.

**California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.**
Caxton Printers Supply Co., 410 Caxton Bldg., 812 Huron Rd., Cleveland 18, O.
Central Trade Plant of Grand Rapids, 15 Lyon St. N.E., Grand Rapids 2, Mich.
Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis 10, Mo.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Chicago Box Machine Works, Inc., 1810 W. Grand Ave., Chicago 22, Ill.
Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
**Continental Printing Equipment** Co., 1402 N. Western Ave., Chicago 22, Ill.
Craftsmen Machinery Co., 75 N. Dedham St., Boston 18, Mass.

Damon & Peets, Inc., 56 Beekman St., New York 38, N. Y.
**Diamond Printing Machinery Co., 3067 E. 61st St., Cleveland 27, O.**
Dixie Type & Supply Co., Inc., 930 N. Sixth Ave., Birmingham 1, Ala.
Dixon, Loyal S., Co., 11164 Saticoy St., Sun Valley, Calif.
**Durbrow & Hearne, Inc., 12 Wooster St., New York 13, N. Y.**

**Eastern Graphic Arts Supply Co.,** Inc., 509 W. 56th St., New York 19, N. Y.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
**Economy Printers Products Co., 609 S. La Salle St., Chicago 5, Ill.**
**Einnehmer & Taylor, Inc., 228 E. 45th St., New York 17, N. Y.**
**Ever Ready Machinists, Inc., 137 W. 19th St., New York 11, N. Y.**

**Falco Corporation, 29-05 — 120th St., Flushing 54, N. Y.**
Foto-Graphic Products Co., 2701 14th Ave. S., Minneapolis, Minn.
**Franklin Printers Supply Co., 608 Cherry St., Philadelphia 6, Pa.**
**Fuller, E. C., Co., 28 Reade St., New York 7, N. Y.**

**Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.**
General Strapping Corp., 100 Park Ave., New York 17, N. Y.
Graphic Arts Equipment & Supply Co., 430 Howard St., San Francisco 5, Calif.
Graphic Arts Equipment Co., 117 W. Harrison St., Chicago 5, Ill.
Graphic Machinery Exchange, Inc., 30 W. 24th St., New York 10, N. Y.
Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.
**Griffiths, John, Co., Inc., 415** Lexington Ave., New York 17, N. Y.

Harnett, R. W., Co., 1025 Cherry St., Philadelphia 7, Pa.
Heinsohn, A. E., Printing Machinery & Supplies, 1443 Blake St., Denver 2, Colo.
○Hutzler, Federico K., Co., 1133 Broadway, New York 10, N. Y.

○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.; 50 Church St., New York 7, N. Y.
**Inland Newspaper Supply Co., 422 W. Eighth St., Kansas City 5, Mo.**
**Intercontinental Marketing Corp., 45-17 Pearson, Long Island City, N. Y.**

Jacobs, Louis R., 2546 S. Phillip St., Philadelphia 48, Pa.
Jones, James H., Co., 808 W. Washington Blvd., Chicago 7, Ill.

Keller, George R., Inc., 1228 Mt. Olivet Rd., N.E., Washington 2, D. C.
Kellett Company, 640 S. Miller St., Chicago 7, Ill.
Kelsey, W. A., Co., 45 Crown St., Meriden, Conn.
○Korn, Henry P., Associated, Inc., 5 Beekman St., New York 38, N. Y.

Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
**Linotype Maintenance Co., 277 Broadway, New York 7, N. Y.**
Linotype Supply Co., Inc., 8 Beach St., New York 13, N. Y.
**Lorenz Printing Machine Co., Inc.,** 36-26 — 31st St., Long Island City 6, N. Y.
Los Angeles Type Founders, Inc., **225 E. Pico Blvd., Los Angeles 15, Calif.**

**Marsh, Hamilton R., Co., 15th and Mt. Vernon Sts., Philadelphia 30, Pa.**
Martin, L. C., & Associates, 302 Crestwood Village, Northfield, Ill.
**Mason-Moore-Tracy, Inc., 28 E. Fourth St., New York 3, N. Y.**
Midwest Printers Supply, 1209 Sycamore, Cincinnati 10, O.
○Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.
Milwaukee Printers Roller Co., 422 S. Fourth St., Milwaukee 4, Wis.
Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.
Moler, Don A., Distributors, 1011 —20th St., N.W., Washington 6, D. C.
○Montgomery Company, Inc., Pratt **Ave., P.O. Box 309, Towanda, Pa.**
Moore, Jack, 560 Eastland Rd., Berea, O.
Murphy, George, Inc., 57 E. Ninth St., New York 3, N. Y.

Newspaper Publishers Supply Co., **1639 N. Lorel Ave., Chicago 39, Ill.**
**Nissenbaum, Irving, Inc., 114 W. 27th St., New York 1, N. Y.**
**Norman-Willets Graphic Supply Co., 316 W. Washington St., Chicago 6, Ill.**
Northern Machine Works, 323 N. Fourth St., Philadelphia, Pa.

**Ortleb Machinery Co., 3818 Laclede Ave., St. Louis 8, Mo.**

Pabich, W. R., Mfg. Co., Inc., 2323 N. Knox Ave., Chicago 39, Ill.
**Palmer, E. C., & Co., Div. Western Newspaper Union, 2201 Laws St., Dallas 2, Tex.**
Parsons & Wittemore Graphic Corp., 250 Park Ave., New York 17, N. Y.
Pate Company, The, 6124 N. Pulaski Rd., Chicago 46, Ill.
Pavyer Printing Machine Works, 600 S. Broadway, St. Louis 2, Mo.
Payne, Ernest, Corp., 82 Beekman St., New York 38, N. Y.
Peck, James I., (Registered), 47 High St., West Orange, N. J.
Preferred Pressroom Products, Inc., 119 Foster St., Peabody, Mass.
Printcraft Representatives, 277 Broadway, New York 7, N. Y.
Printers Supply Service, 946 W. North Ave., Chicago 22, Ill.
Printing Industries Equipment, Inc., 166 Putnam Ave., Greenwich, Conn.
Process Engineering Co., 6435 N. Central Ave., Chicago 46, Ill.

Ralya Saw Corp., 109 W. Second St., Cincinnati 2, O.
Rathbun & Bird Co., Inc., The, 379 W. Broadway, New York 12, N. Y.
Reid, William, Co., 2271 Clybourn Ave., Chicago 14, Ill.
Rich & McLean, Inc., 345 Carnegie Ave., Kenilworth, N. J.
Richardson-Sovde Co., Inc., 700 S. Fourth St., Minneapolis 15, Minn.
Robertson Brothers, Inc., 117 Cedar Lane, Englewood, N. J.
**Rudow, William B., 135 Henry St., New York 2, N. Y.**
**Ryan, E. G., and Co., 153 W. Huron St., Chicago 10, Ill.**

○**Shulman, Ben, Associates, Inc.,** 60 E. 42nd St., New York 17, N. Y.
**Simpson, J. M., 120 Liberty St., New York 6, N. Y.**
Somerset Company, The, 441 Clay St., San Francisco 11, Calif.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.
**Stewart, Don, Co., 445 Clay St., San Francisco 11, Calif.**
**Stoip-Gore Co., 123 S. Jefferson** St., Chicago 6, Ill.
Sullebarger, E. T., Co., Inc., 114 Liberty St., New York 6, N. Y.

Thomson-National Press Co., Dean Ave., Franklin, Mass.
○Tirfing Printing Machinery, Inc., 400 Delancy St., Newark 5, N. J.
**Tompkins Printing Equipment Co.,** 712 S. Clark St., Chicago 5, Ill.
○Turner Printing Machinery, Inc., 6510 Euclid Ave., Cleveland, O.
Twin City Lino Service, Inc., 2350 Highway 100 S., Minneapolis 26, Minn.
Type and Press of Illinois, Inc., **3312 N. Ravenswood Ave., Chicago 13, Ill.**

Utility Heater Co., 239 Centre St., **New York 13, N. Y.**

**Walker, E. H., Supply Co., Inc., 140 Que St., N.E., Washington 2, D. C.; 614 E. Main St., Richmond 19, Va.**
Western Newspaper Union, Printing Machinery Dept. 310 E. 45th St., New York 17, N. Y.
**Wild & Stevens, Inc., 45 Industrial Pl., Newton Upper Falls,** Mass.
**Winn & Goodman, 440 Sansome St., San Francisco 11, Calif.**
Wise, Incorporated, 1420 Western Ave., Pittsburgh 33, Pa.
**Wolfer Printers Supply, Inc., 1221 Maple Ave., Los Angeles 15, Calif.**

○Zimmer Printers Supply Co., Inc., **72 Beekman St., New York 38, N. Y.**

## 8W MACHINERY MOVERS AND INSTALLERS

○Central Newspaper Installations, Inc., 575 Washington St., New York 14, N. Y.

Diamond Printing Machinery Co., 3067 E. 61st St., Cleveland 27, O.

Dixon, Loyal S., Co., 11164 Saticoy St., Sun Valley, Calif.

Hall, George R., Inc., 21208 Beachwood Dr., Cleveland 18, O.

Manhattan Industrial Contracting Co., Inc., 3-17—26th Ave., Astoria 2, N. Y.

## 8G PARAFFINING, VARNISHING, THERMOPLASTIC COATING AND WAXING

**8G6 Carbonizing.**
**8G5 Laminating.**
**8G1 Paraffining.**
**8G4 Thermoplastic Coating.**
**8G2 Varnishing.**
**8G3 Waxing.**

**Allied Printing & Binding Machinery Co., 3767 Chester Ave., Cleveland 14, O.**
Apex Machine Co., 14-13—118th St., College Point 56, N. Y.—8G2.

Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.
**Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.—8G1, 8G2, 8G3.**

Cameron Machine Co., Franklin Rd., Dover, N. J.—8G1, 8G2, 8G3.
Champlain Company, Inc., Harrison Ave., Roseland, N. J.—8G2.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.

○Dayton Rubber Co., The, Dayco Div., 2342 W. Riverview Ave., Dayton 1, O.
Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.—8G3, 8G5.
Dow Chemical Co., Midland, Mich. —8G4.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.

Haida Engineering Co., 34-11 Vernon Blvd., Long Island City 6, N. Y.—8G1, 8G2, 8G3, 8G4, 8G5, 8G6.
**Henschel, C. B., Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis. —8G1, 8G2, 8G3.**
Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.—8G1, 8G2, 8G3, 8G4.

○**Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.—8G4.**

Mercury Engineering Co., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.—8G5.

Ortman-McCain Company, 1330 W. Washington Blvd., Chicago 7, Ill.—8G3.

**Paasche Airbrush Co. Div., Cline Electric Mfg. Co., 1909 Diversey Pkwy., Chicago 14, Ill.**
**Potdevin Machine Co., 297 North St., Teterboro, N. J.—8G1, 8G2, 8G3, 8G4.**
Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill.—8G4.

○Rapid Roller Co., 26th and Federal Sts., Chicago 16, Ill.
**Rutherford Machinery, Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—8G1, 8G2, 8G3, 8G4. Magnetic spot coater.**

○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.—8G4, 8G5.
Stone, Thos. and Geo. M., Inc., 1413 Chestnut Ave., Hillside 5, N. J. Applicator rolls for aniline and rotogravure machines.
**Studebaker Hydraulic Products Co., 1733 N. 33rd Ave., Melrose Park, Ill.—8G4.**

Waldron, John, Corp., P.O. Box 791, New Brunswick, N. J.—8G1, 8G2, 8G3, 8G4.

**Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.**

## 8P PRODUCTION METHODS

**Hoch, Fred W., Associates, Inc., 461 Eighth Ave., New York 1, N. Y.**

○Jampol Corporation, 728—61st St., Brooklyn 20, N. Y.

**Printing Industry of America, Inc., 5728 Connecticut Ave., N.W., Washington 15, D. C.**

## 8H SILK SCREEN

**8H7 Cabinets (Stencil).**
**8H8 Cameras.**
**8H6 Drying Units.**
**8H1 Film.**
**8H2 Ink.**
**8H3 Presses, Printing.**
**8H4 Stencil Sheets.**
**8H5 Supplies.**

**Acheson Dispersed Pigments Co.,** 1421 Chestnut St., Philadelphia 2, Pa.—8H2.
**American Automation, Inc., 175** W. Jackson Blvd., Chicago 4, Ill.—8H3.
○Ansco, Div. of General Aniline & **Film Corp., 40 Charles St.,** Binghamton, N. Y.—8H1.
**Atlas Silk Screen Supply Co., 1733** Milwaukee Ave., Chicago 47, Ill.—8H2, 8H3, 8H4, 8H5, 8H6.
**Atlas Stencil Files Corp., 16716 Westfield Ave., Cleveland 10, O.** —8H7.
Austin, O., Div., Decalcomania and Metal Etching Co., 225 Flatbush Ave., Brooklyn 17, N. Y.
California Ink Co., Inc., 545 Sansome St. San Francisco 11, Calif.—8H1, 8H2, 8H3, 8H4, 8H5, 8H6, 8H8.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—8H1, 8H5, 8H8.
**Craftint Manufacturing Co., The,** 1615 Collamer Ave., Cleveland 10, O.—8H1, 8H2.

**Daily, Bert L., Inc., 126 E. Third** St., Dayton 2, O.—8H5.
**Dependable Compressor & Machine Co., 157 W. 21st St., New York** 11, N. Y.—8H3.
**Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—8H8.**

**Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.—8H1, 8H4, 8H5.**

**Eastman Kodak Co., 343 State** St., Rochester 4, N. Y.—8H1.

**Forbes Ink, Inc., 2249 Elm St.,** N.W., Cleveland 13, O.—8H2.

**General Research & Supply Co., 572 S. Division Ave., Grand Rapids 3, Mich.—8H2, 8H3,** 8H4, 8H5, 8H6, 8H8.
**Gerson, Louis M., Co., 73 Deering** Rd., Mattapan 26, Mass.—8H5.
Goodkin, The M. P., Co., Sub. Goodkin Mfg. Corp., 112-120 Arlington St., Newark 2, N. J. —8H8.
**Goodyear Tire & Rubber Co., 545** Orchard St., New Bedford, Mass.—8H5.

**Horn Industrial Finishes, Div. Sun** Chemical Corp., 750 Third Ave., New York, N. Y.—8H2.

○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.—8H2.

Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.—8H8.
**Langford, W. A., Co., 10114 S.** Crandon Ave., Chicago 17, Ill. —8H8.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—8H8.
Lawson Printing Machine Co., The, 53 Olive St., St. Louis 8, Mo.—8H3.
**Lawter Chemicals, Inc., 3550** Touhy Ave., Chicago 45, Ill.—8H2.

**M & M Research Engineering Co.,** Inc., 13360 W. Silver Spring, Butler, Wis.—8H3, 8H6.
Markem Machine Co., 150 Congress St., Keene, N. H.—8H3.
McGraw Colorgraph Co., 175 W. Verdugo Ave., Burbank, Calif. —8H4.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—8H7, 8H8.
Modi-Graphic, Incorporated, 215 E. Ninth St., Cincinnati 2, O. —8H8.

Naz-Dar Company, 461 Milwaukee Ave., Chicago 10, Ill.—8H1, 8H2, 8H4, 8H5, 8H6, 8H8.

**Norman-Willets Graphic Supply** Co., 316 W. Washington St., Chicago 6, Ill.—8H5.
**Nu-Film Products Co., Inc., 56 W.** 22nd St., New York 10, N. Y.—8H4.

**Ohio Art Materials Co., 2174 E.** Ninth St., Cleveland 15, O.—8H5.

Pace Manufacturing Co., The, 764 Ninth St., Des Moines, Ia.—8H3.
Popper & Sons, Inc., 300 Fourth Ave., New York 10, N. Y.—8H3.

Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—8H8.

**Sherwin-Williams Co., The, Graphic Arts Div., 101 Prospect Ave.,** N. W., Cleveland 1, O.—8H1, 8H5.
Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y. —8H2.
Strong Electric Corp., The, 87 City Park Ave., Toledo 1, O.—8H6.
Switzer Brothers, Inc., 4732 St. Clair Ave., Cleveland 3, O.—8H2.

Ulano Graphic Arts Supplies, Inc., 610 Dean St., Brooklyn 38, N. Y.—8H1, 8H5.

## 8J TIME CLOCKS, RECORDERS

**Bristol Company, The, P.O. Box** 1790, Waterbury 20, Conn.

**Gerrard Steel Strapping Dept.,** U. S. Steel Supply Div., U. S. Steel Corp., 208 S. La Salle St., Chicago 4, Ill.

**International Business Machines** Corp., 590 Madison Ave., New York 22, N. Y.

○Paper Manufacturers Co., 9800 Bustleton Ave., Philadelphia 15, Pa. Time clock recorder paper.
**Partlow Corporation, 2 Campion** Road, New Hartford, N. Y.

**Simplex Time Recorder Co., 40** S. Lincoln St., Gardner, Mass.
Stromberg Time Corp., Sub. of General Time Corp., 135 S. Main St., Thomaston, Conn.

Tork Time Controls, Inc., 52 McQuesten Pkwy., Mt. Vernon, N. Y.

## 8K VIBRATION ELIMINATING EQUIPMENT

**Felters Company, The, 210 South** St., Boston 11, Mass.

**Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.**

**Korfund Company, Inc., 48-15 N.** 32nd Place, Long Island City 1, N. Y.

**Raybestos-Manhattan, Inc., Manhattan Rubber Div., 61 Willett** St., Passaic, N. J.

**United States Rubber Co., 1230** Avenue of the Americas, New York 20, N. Y.

**Vibration Eliminator Co., 10-28—** 47th Ave., Long Island City 1, N. Y.

## 8L WASTE PAPER BALERS

**Balemaster Div., East Chicago** Machine Tool Corp., 4801 Railroad Ave., East Chicago, Ind.

**Economy Baler Co., 1254 N. Main** St., Ann Arbor, Mich.

**Firewel Company, Inc., 3685** Broadway, Buffalo 25, N. Y.

**Lake Engineering Co., 312 Gostlin** St., Hammond, Ind.

**Minnich Machine Works, 1607** Ridgely St., Baltimore 30, Md.

**National Baling Press & Equipment Co., 1071 E. 48th St.,** Brooklyn 34, N. Y.

**Signode Steel Strapping Co., 2600 N. Western Ave., Chicago 47, Ill.**

***Printing Production* Filing System**

# 1960 Trade Name Index

## FOR PRINTING EQUIPMENT AND SUPPLIES

(Companies listed are manufacturers, suppliers and dealers indiscriminately)
In compiling this index PRINTING PRODUCTION has exercised every precaution to see that all names and addresses published in this index are correct according to the information furnished. For that reason, we cannot be responsible for errors or omissions.

**○ Indicates advertiser. See Advertisers' Index, Pages B-C-D.**

## A

**ABC**—Air conditioning and cleaning equipment. American Blower Div. of American-Standard, 8111 Tireman Ave., Dearborn, Mich.

**Absorbo** — Vibration eliminator. Korfund Company, Inc., 48-15 N. 32nd Pl., Long Island City 1, N. Y.

**Accellogloss**—Offset inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

**Accurate**—Steel rule dies and supplies, cutting jackets. Accurate Steel Rule Die Mfrs., 22 W. 21st St., New York 10, N. Y.

○**Ace**—Cord rubber belts for linecasting machines. Star Parts Inc., 2 S. Main St., South Hackensack, N. J.

○**Ace Graytone** — Synthetic rubber roller with disposable core for job and high speed presses. Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.

**Acme**—Glue pots, gliding wheels and hot embossing plate heaters, metal melting pots. Acme Electric Heating Co., 1217 Washington St., Boston 18, Mass.

**Acme**—Stapling machines and staples. Acme Staple Co., 1643 Haddon Ave., Camden 3, N. J.

**Acraplate**—Molding presses for the production of molded rubber and plastic printing plates, and plastic electrotype molds. Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.

**Adamant**—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Add-A-Color**—Rubber printing blocks. Process Color Plate Co., 1200 W. Monroe St., Chicago 7, Ill.

**Add-A-Matic** — Counter addition for Gelb lineup tables. Joseph Gelb Co., 52 Arlington St., Newark 2, N. J.

**Addressograph**—Addressing, name, and data writing machines. Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.

○**Adhere**—Daters. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

○**Ad Mat**—Stereotype dry mat for newspaper advertising. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

**Aero-Shaft** — Air operated core shaft. Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.

**AFCO**—Ink & dampener roller solvents, chemicals and solutions. Alex. C. Fergusson Co., 44 E. Oregon Ave., Philadelphia 48, Pa.

**AFCO 44**—Dampener roller cleaner. Alex. C. Fergusson Co., 44 E. Oregon Ave., Philadelphia 48, Pa.

**AFCO Ink-Zip**—For cleaning rubber and synthetic rollers. Alex. C. Fergusson Co., 44 E. Oregon Ave., Philadelphia 48, Pa.

**AICO**—Loose leaf and indexing materials. G. J. Aigner Co., 426 S. Clinton St., Chicago 7, Ill.

**Aico-Cell**—Plastic tab indexes. G. J. Aigner Co., 426 S. Clinton St., Chicago 7, Ill.

○**Air Grip**—Vacuum chuck for holding plates during routing. The Monomelt Co., Inc., 1611 Folk St., N.E., Minneapolis 13, Minn.

○**Albany Grease**—Tallow lubricating compound. Adam Cook's Sons, Inc., 5 N. Stiles St., Linden, N. J.

**Albulac** — Surface plate lacquer. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

**Alchrome** — Bindery paper stock trucks. M. L. Abrams Co., 1841 Prospect Ave., Cleveland 15, O.

**Alco-grip**—Celluloid insertable tabbing. G. J. Aigner Co., 426 S. Clinton St., Chicago 7, Ill.

**Alcoa** — Aluminum tread plates and laminated foil paper. Aluminum Co. of America, 1501 Alcoa Bldg., Pittsburgh 19, Pa.

**Alcoloid**—Celluloid tab indexes. G. J. Aigner Co., 426 S. Clinton St., Chicago 7, Ill.

○**Aled**—Plastic plate wash, a cleaner for plastic and rubber plates. Anchor Chemical Co., 829 Bergen St., Brooklyn 16, N. Y.

**Alemite**—Oils and greases; manual and power lubricating equipment. Alemite Div., Stewart-Warner Corp., 1826 Diversey Pkwy., Chicago 14, Ill.

○**Alico**—Roller stock adapters for presses to convert into ball bearing type. Infra-red stereotype mat drier. Alico, Incorporated, Montague, Mass.

○**Align-A-Drill**—Tool for drilling out broken screws on linecasting machine mouthpieces. Fisk Industries, 130 W. 46th St., New York 36, N. Y.

○**Align-A-Mat**—Matrix lug swaging tool to restore letter character alignment after lugs have become worn. Fisk Industries, 130 W. 46th St., New York 36, N. Y.

**Align-O** — Process binding with page alignment. Spiral Binding Co., 406 W. 31st St., New York 1, N. Y.

**Alkote**—Photosensitive aluminum plates. Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

○**All Buckle**—Folder. Russell Ernest Baum, Inc., 615 Chestnut St., Philadelphia 1, Pa.

**Almor**—Pyrometers and controllers. Illinois Testing Laboratories, Inc., 420 N. La Salle St., Chicago 10, Ill.

**Alpha**—Continuous tone photography dry plates. G. Cramer Dry Plate Co., 1835 Shenandoah Ave., St. Louis 4, Mo.

**Alquist**—Winder. Hobbs Mfg. Co., 26 Salisbury St., Worcester 5, Mass.

**Alum-O-Lith**—Presensitized aluminum offset plate. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

**Ambassador**—Newspaper press under blanket. Goodyear Tire & Rubber Co., 1144 E. Market St., Akron 16, O.

**Amco**—Numbering machine ink and ready inked pads. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

**Amcodater**—Hand dating machine. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

**American**—Bookbinding and stitching wires. American Steel & Wire Co., Rockefeller Bldg., Cleveland 13, O.

○**American**—Lead and rule cutter. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

**American**—Makeready paste and pad glue; printers rollers and adhesives. American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.

**American** — Numbering machines. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

**American**—Press counter and press seat. F. B. Redington Co., 112 S. Sangamon St., Chicago 7, Ill.

**American**—Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**American Coils**—Air conditioning equipment. American Coils Co., 25 Lexington St., Newark 5, N. J.

**American 5-in-1**—Hand numbering machine. American Numbering Machine Co. Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

**American Precision** — Mechanical chalk overlay. Martin Cantine Co., Saugerties, N. Y.

○**American Type Founders**—Printing, offset, rotogravure and photoengraving equipment and supplies. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**American Visible**—Hand numbering machines. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

**Amprinko**—Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Amsco**—Electric welded steel chases. American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.

○**Amtyco**—Printing inks in tubes only. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○**Anchor**—Type wash, non-inflammable hard ink remover. Anchor Chemical Co., 827 Bergen St., Brooklyn 38, N. Y.

○**Anchoroil**—Mineral oil for lubricating printing presses. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

**Anderson**—Upright trucks, drying racks, banding presses, bundling presses, automatic magazine wrapping machine, timetable folding machine, catalogue folding machine, fibre sign pasting and folding machine, celluloid cutting machine, celluloid press. C. F. Anderson & Co., 3225 Calumet Ave., Chicago 16, Ill.

**Angle Steel**—Cabinets, trucks, tables, galleys, furniture for printing plants. Angle Steel Inc., 127 Oak St., Plainwell, Mich.

**Anilink Kleensolve**—Solvent cleaning for knurled rollers. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Aniliner**—Aniline or fluid ink press. Kidder Press Co., Inc., 121 Broadway, Dover, N. H.

○**Anilox**—Printing ink for aniline presses. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

**Anniversary**—Halftone inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Anti-Work-up**—Non-workup solution. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Apic** — Printing ink conditioner. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Apigel**—Reducing compound. General Printing Ink Co., Div. of Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Apilith**—Offset inks. General Printing Ink Co., Div. of Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Apo-Tessar**—Photographic objectives for process and lithographic work. Carl Zeiss, Inc., 485 Fifth Ave., New York 17, N. Y.

○**A.P.S.**—Cork molding blankets and gummed packing felts. American Publishers Supply Inc., 50B Salem St., Lynnfield, Mass.

**Aqualine**—A water soluble ink for use on aniline presses. Martin Driscoll & Co., 610 S. Federal St., Chicago 5, Ill.

○**Aqualox**—Flexographic inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

**Aquapaque**—Dense black, water soluble, graphite negative opaque. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

**Aquaplate**—Photoengravers' glass. Semon Bache & Co., 636 Greenwich St., New York 14, N. Y.

**Aquaset**—Ink set under application of steam and water. Bowers Printing Ink Co., 2655 W. Irving Park Rd., Chicago 18, Ill.

**Aquasorb**—Dehumidifier. Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y.

**Aquatex**—Seamless cotton knit tubing for offset and lithographic rollers. Godfrey Roller Co., 215 North Camac St., Philadelphia 7, Pa.

○**Aqua-Trol** — Moisture extracting device for offset presses. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**Arabol**—Book adhesives and remoistening gums. Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y.

**Arabol Pad Tex**—Cold cement for padding. Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y.

**Arbeka**—Cotton press tape. Arbeka Webbing Co., 1135 Roosevelt Ave., Pawtucket, R. I.

**Aridifier**—Compressed air cleaning and drying device. Logan Engineering Co., 4901 W. Lawrence Ave., Chicago 30, Ill.

**Aristocrat**—Newspaper top blanket. Goodyear Tire & Rubber Co., 1144 E. Market St., Akron 16, O.

○**Arrowhead** — Black and colored inks. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

○**Arrowtone**—Black ink. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

○**Arrowtoners** — Newspaper process and ROP colors. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

○**Art**—Register hooks for patent base. Challenge Machinery Co., Fulton Ave. & Beech Tree St., Grand Haven, Mich.

**Artype**—Self-adhering acetate sheets with alphabets, arrow and signs for photographic reproduction. Artype, Incorporated, 127 S. Northwest Highway, Barrington, Ill.

○**ATF**—Abbreviation of firm name. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○**ATF**—Foundry type and brass rule. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○**ATF Camco**—Line of folding machines. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○**ATF Chief**—Line of offset printing presses. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○**ATF Chief 15, 20, 22, 24, 29, 126, 226, 135, 238, 250, 255**—Offset printing presses. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○**ATF Cool Top Layout Table**—Light box for stripping and opaquing offset materials. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF Contact Printing Frame**—Vacuum printing frame for darkroom use. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF Craftsman Model 241** — Camera. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF Cylinder Etching Equipment**—Integrated equipment for photo-to printing and etching gravure and typographic cylinders. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF Diaphragm Control**—An electric control for diaphragm of camera lens. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF Duratin**—Foundry cast leads and slugs, foundry cast rule. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF Flexojobber** — Roll to sheet flexographic press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF Flo-Mix Unit**—Dry powder non-offset unit. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF Green Hornet**—Web-fed two color offset job press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF Intaglio Halftone Process**—A patented process for producing dot images suitable for gravure printing, similar to "invert halftone." American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF Jogger**—Automatically jogs paper by vibration. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF Liqua-Spra Unit** — Liquid non-offset unit. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF Mastercraft**—Camera. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF-Pavema**—Line of flexographic presses, roll to sheet and roll to roll. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF pH Meter**—An instrument for electronically measuring acidity and alkalinity. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF Platemaking Trough** — One-compartment sink for preparation of offset plates. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF Plate Whirler** — Horizontal type whirler for offset plates. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF Super Chief**—Offset printing press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF 3-Compartment Sink**—Developing trough for darkroom use. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF Typesetter**—Text phototypesetting machine. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**ATF Vacuum Printing Frame**—Offset printing frame. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**Atlas** — Halftone emulsion and coating solutions. Teaneck Chemical Co., Inc., 10 Walnut St., Teaneck, N. J.

**Atmoset** — Water reducible inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

**Atom-Jet** — Anti-offset sprayer. Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.

**Auroral**—Dry colors. Pigments Div., Sun Chemical Corp., 10-10—44th Ave., Long Island City 1, N. Y.

**Autobinder** — Strapping machine. A. J. Gerrard & Co., 1950 Hawthorne Ave., Melrose Park, Ill.

**Autoclamp**—Automatic plate clamp for newspaper and magazine printing presses. Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

**Auto-Ejector**—Automatic control for ejector blades. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Autoformer**—For vacuum forming and electrically baking dry mats. Sta-Hi Corporation, 254 W. Washington Blvd., Whittier, Calif.

**Autogrip**—Truck for conveying large type forms. Southworth Machine Co., 30 Warren Ave., Portland 2, Me.

**Autolift** — For returning used plates to stereotype metal furnaces. Wood Newspaper Machinery Corp., 501 Fifth Ave., New York 17, N. Y.

**Automatic**—Numbering machines. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

**Automatic**—Saw blades. Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.

**Auto-Pack** — Packless stereotype mat. New Products Div., Beveridge Paper Co., 705 W. Washington St., Indianapolis 4, Ind.

**Autopaster**—(Automatic Junior) Full-speed web splicing machinery. Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

**Autoplate**—Automatic. Junior Standard and Heavy Duty Pony curved stereotype plate casting machinery. Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

**Autoreel**—Web roll handling equipment, Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

**Autoshaver**—Curved stereotype plate finishing machine. Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

**Autoshift** — Automatic magazine shift. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 2, N. Y.

**Autospacer**—Device on Intertype which automatically quads right, left or centers a line. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 2, N. Y.

**Autospacer**—Automatic paper cutting machine. Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

**Autostart**—Motors. U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

**Auto-Stitcher**—Automatic wire stitching machine. F. P. Rosback Co., 225 Fifth Ave., Benton Harbor, Mich.

**Autostrapper** — Automatic strapping equipment using oval strapping for bales, cases, cartons, skid loads. Wiretyer Corporation, 65 Lellarts Lane, East Paterson, N. J.

**Auto-Wrap**—Machine which folds, flat wraps, and label addresses magazines. L. C. Martin & Associates, 302 Crestwood Village, Northfield, Ill.

**A. W. Algrip**—Safety steel floors for plate foundry and pressroom. Alan Wood Steel Co., Conshohocken, Pa.

**A. W. Super** — Diamond pattern steel floor plate. Alan Wood Steel Co., Conshohocken, Pa.

**Axel**—Ceramic etching machines. Axel Holmstrom Etching Machines, 2555 Carpenter St., Philadelphia 46, Pa.

**Axelette** — Three paddle etching machine. Axel Holmstrom Etching Machines, 2555 Carpenter St., Philadelphia 46, Pa.

**A-Z Electric Alloy**—Photoengravers plates. Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. Y.

**A-Z**—Litho platemaking equipment, whirlers, cameras, photographic printers, vacuum printing frames, arc lamps and silk screen machines. Miller-Trojan Co., Inc., 1083 W. Main St., Troy, O.

## B

**B & A**—Type wash. E. H. Walker Supply Co., 140 Que St., Washington 2, D. C.

**Backote**—Acid resisting coating on back of photoengraving zinc plates. Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. Y.

**Baker** — Gas and electric fork trucks, platform trucks. Baker Industrial Trucks, Div. Otis Elevator Co., 8000 Baker Ave., Cleveland 2, O.

**Balanced**—High speed inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Balemaster** — Paper disposal and baling equipment. Balemaster Div., East Chicago Machine Tool Corp., 4801 Railroad Ave., East Chicago, Ind.

**Baldwin**—Press washers for rotary and offset presses, ink agitator, vibrator roller; litho water stops and water levels. William Gegenheimer Co., Inc., 80 Roebling St., Brooklyn 11, N. Y.

**Ballard**—Process for plating rotogravure press cylinders. Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

**Ball Bearing**—Roller cores. William C. Hart Co., 137 Greene St., New York 12, N. Y.

**Baltotype**—Foundry type, boarders and rules. Baltimore Type and Composition Corp., 15 Frederick St., Baltimore 2, Md.

**Bancroft**—Slug-high sinkers. Ralph Bancroft Co., 324 Fifth Ave. S., Minneapolis 15, Minn.

**Banthin**—Small size automatic letterpress cylinder press. Banthin Engineering Co., 1849 Main St., Bridgeport 4, Conn.

**Barekolor**—A photographic method of reproportioning two, three, or four color process drawings or photographs and complete multicolored ads. Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.

**Barker**—Two, three or four color roll feed rotary press with hydraulic rewind. Electrotyping and stereotype finishing machines. Color plate registering system. Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.

**Bar-Rack**—Floor rack for temporary storage of slotted eye typemetal pigs. Bar-Rack Company, 595 Reed Ave., Akron 1, O.

**Baum Quintuplet** — Folding machine. Russell Ernest Baum, Inc., 1540 Wood St., Philadelphia 2, Pa.

**Baumfolders**—Paper folding machines. Russell Ernest Baum, Inc., 1540 Wood St., Philadelphia 2, Pa.

**Bausch & Lomb**—Paper fiber microscope, wide field binocular microscope, microprojector, papermaker's pocket magnifier, photomicrographic outfit, opacimeter, daylight microscope lamp. Bausch & Lomb Optical Co., 651 St. Paul St., Rochester 2, N. Y.

**Beacon**—Bakelite molder. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

**Beck**—Automatic roll sheet cutter, slitter and rewinder, sheeter-printer. Charles Beck Machine Corp., 42 Church Rd., King of Prussia, Pa.

**Beda**—Mechanical Ben Day proofing process. Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.

**Ben Franklin** — Composing room saw trimmer. Hammond Machinery Builders, Inc., 1604 Douglas Ave., Kalamazoo 54, Mich.

**Beregh** — Anti-offset spray gun equipment. Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.

**Betsy**—Automatic collating machine. J. Curry Mendes Corp., New Bedford Industrial Park, New Bedford, Mass.

**Beveridge Humidifier**—Dry mats. Beveridge Paper Co., New Products Div., 717 W. Washington St., Indianapolis 4, Ind.

**Big Boy**—Typographic numbering machines, large stock figure machines. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

**Big Chief**—S type metal remelting furnace. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

**Big Chief "29"** — Offset press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**Bijur**—High-Pressure. Continuous, one-shot and automatic hydraulically-operated lubricating systems. Bijur Lubricating Corporation, 151 W. Passaic St., Rochelle Park, N. J.

**Binder-Matic**—Automatic jogging, stitching and folding machine for booklets. J. Curry Mendes Corp., New Bedford Industrial Park, New Bedford, Mass.

**Bindex**—Binders in plastic. General Binding Corp., 231 S. Green St., Chicago 14, Ill.

**Bingham**—Rollers, glues, padding compounds. Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.

**Bingham**—Rollers, glues, padding coating bases and coating composition for printing press rollers. Sam'l Bingham's Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

**Bishop** — Electrotype and stereotype leveling materials, curving dies, treating dies. Bishop Stansell Co., P.O. Box 35, W. Carrollton, O.

**Bishop** — Pre-makeready system for electrotypes. Lake Shore Electrotype Div., 1224 West Van Buren St., Chicago 7, Ill. Reilly Electrotype Co., Div., Electrographic Corp., 305 E. 45th St., New York 17, N. Y.

**Bista**—Pre-makeready system for electrotypes and stereotypes. Lake Shore Electrotype Div., 1224 West Van Buren St., Chicago 7, Ill. Reilly Electrotype Co., Div. Electrographic Corp., 305 E. 45th St., New York 17, N. Y.

**Black and White Matrices**—Process for blackening reference edges of line-composing machine matrices and afterward whitening the reference characters. Matrix Contrast Corp., 154 W. 14th St., New York 11, N. Y.

**Black Arrow** — Paper trimming knives for all makes of cutters. Ohio Knife Co., B. & O. Ry. & Dreman Ave., Cincinnati 23, O.

**Black Beauty**—Galleys. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

**Black Face**—Drawsheet, 0.024 in. gauge, pyroxylin coating. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

**Blankot**—Wash for offset printing press blankets. Martin Driscoll & Co., 610 Federal St., Chicago 5, Ill.

**Blatchford** — Type metals, plate mounting equipment. National Lead Co., 111 Broadway, New York 6, N. Y.

**Bliss**—Wire stitching machines. Bostitch, Inc., East Greenwich, R. I.

**Blu Film** — Silk screen stencil sheets. Nu-Film Products Co., Inc., 56 W. 22nd St., New York 10, N. Y.

**Blu-print**—Process for making blue prints on glass by contact. Harold M. Pitman Co., 3239 S. 51st Ave., Cicero 50, Ill.

**Blue Boy**—Typographic numbering machines. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

**Blue 5000**—Cork stereotype molders. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

**Blue Label**—Routing cutters, carbon steel cutters. John Royle & Sons, 10 Essex St., Paterson 3, N. J.

**Blue Ribbon**—Hot molding mats for advertisers, book and job work, newspaper ROP color work, multiple casts. Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.

**Blue Star**—Matrix sealing tape. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

**Blue Streak** — Trade name for Linotype machines. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Bluestone** — Tailboard paper for stereotype casting box. United Stereotype Supply Corp., P.O. Box 38, West Lynn, Mass.

**Blutex-War Blue** — News black. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

**Bookleteer** — Automatic collating, jogging, stitching and folding of booklets. J. Curry Mendes Corp., New Bedford Industrial Park, New Bedford, Mass.

**Booklet-O-Matic** — Automatic collating, saddle stitching and folding of booklets. Parnat Business Machines Corp., 1816 Boston Rd., New York 60, N. Y.

**Booth's**—Zink cut cement. E. A. Booth Rubber Co., 2855 Scarborough Rd., Cleveland Heights 18, O.

**Bostitch**—Staplers and paper fasteners. Bostitch, Incorporated, East Greenwich, R. I.

**Boston**—Wire stitchers and wire staplers and staples. Bostitch, Incorporated, East Greenwich, R. I.

**Bowser** — Ink and oil pumps. Bowser, Incorporated, 1302 E. Creighton Ave., Fort Wayne 2, Ind.

**Brackett** — Stripping machines, tipping machines, tape and trimmers, scoring and creasing machines. Brackett Stripping Machine Co., Topeka, Kan.

**Brackett**—Trimmers. Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Brighten**—Roll leaf and roll leaf equipment. Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.

○**Brightype**—Service for conversion of letterpress printing material into photographic images for use by any printing process. Brightype Div., Central Publishing Co., Inc., 401 N. College Ave., Indianapolis 2, Ind.

**Bronzmaster**—Soldan bronzing machine. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

**Bronzminor**—Soldan bronzing machine. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

**Brown**—Folding machines. Brown Folding Machine Co., 3767 Chester Ave., Cleveland 14, O.

○**Brown Face**—Drawsheet, 0.016 in. gauge, duck with pyroxylin coating. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

○**Buckeye** — A composing stick. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

**Bur-Paste** — Bookbinders paste. Burrage Glue Co., 15 Vandewater St., New York 7, N. Y.

## C

**CADM**—Rotary collating table. Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.

○**Cairod** — Electric heating units. General Electric Co., 1 River Rd., Schenectady 5, N. Y.

**Camachine** — Winders, rewinders, slitters, also web tension and side guiding controls for slitters, presses and other roll handling equipment. Cameron Machine Co., 61 Poplar St., Brooklyn 2, N. Y.

○**Cambridge**—Printers' moisture indicator. Cambridge Instrument Co., 3546 Grand Central Terminal, New York 17, N. Y.

**Camerama**—Overhead camera for offset, gravure and silk screen. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**Canaline**—Aniline type inks. Canada Printing Ink Co., Ltd., Brockhouse Rd., Etobicoke, Box 265—Postal Station N, Toronto 14, Ont., Can.

○**C & G**—Saw trimmers, sawliner, router, jig-saw and type high machine, universal saw blades, strip material cabinet, waste receptacles. Morrison Co., 125 W. Melvina St., Milwaukee 2, Wis.

○**C & P** — Automatic, power and lever paper cutters, cylinder presses, automatic and open platen presses, heavy duty platen presses. Chandler & Price Co., 6000 Carnegie Ave., Cleveland 3, O.

**Cantine's**—Precision coated American mechanical chalk relief overlay board. Martin Cantine Co., Saugerties, N. Y.

○**Capco**—Portable ink fountain; rewinder and splicer. Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md.

**Caprock** — Gray contact screens. Caprock Developments, 165 Broadway, New York 6, N. Y.

**Carbo-Matic** — Automatic carbon feeding unit. J. Curry Mendes Corp., New Bedford Industrial Park, New Bedford, Mass.

**Cardoplate** — Address plates that attach to ledger cards. Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.

○**Carlson Hi-Lo**—Stereotype chase. Chesley F. Carlson Co., 2240 Edgewood Ave., Minneapolis 26, Minn.

**Carmichael** — Blankets for relief printing. Carmichael Blanket Co., 1151 Oxford Rd., N.E., Atlanta 6, Ga.

**Cartridge**—Bearings. Norma-Hoffman Bearings Corp., Stamford, Conn.

**Carver**—Steel die embossing press. The Cronite Co., North Bergen, N. J.

○**Cascade**—High speed raised printing machine. Embossograph Process Co., Inc., 3720—14th Ave., Brooklyn 18, N. Y.

**Casco** — Multiple head punching machine. Southworth Machine Co., 30 Warren Ave., Portland 2, Me.

**Casper**—Platen press grippers. Casper Gripper Co., 2123 E. Ninth St., Cleveland 15, O.

○**Cast-in-Cairod** — Electric heating units. General Electric Co., 1 River Rd., Schenectady 5, N. Y.

**Cast-Tex**—Newspaper dry mats. Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.

**Castomatic**—Metals for all printing purposes. Federated Metals Div., American Smelting & Refining Co., 120 Broadway, New York 5, N. Y.

**Celanese**—Polyethylene film. Celanese Corp. of America, 180 Madison Ave., New York 16, N. Y.

**Celero** — Flexographic and pigmented inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

**Cellocoat**—Cold top enamel. E. H. Walker Supply Co., 140 Que St., Washington 2, D. C.

**Celloprinter** — Rotary press for printing on cellulose tissues. Kidder Press Co., Dover, N. H.

**Celluloid**—(Cellulose nitrate) plastic material in sheets, rods, tubes and rolls. Celanese Corp., 180 Madison Ave., New York 17, N. Y.

**Centaur** — Tympan paper. Cromwell Paper Co., 4801 Whipple St., Chicago 32, Ill.

**Centrifugal Cast**—Treated electrotypes. Reilly Electrotype Co., Div. of Electrographic Corp., 305 E. 45th St., New York 17, N. Y.

**Cercla**—Mechanical binding in metal. General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill.

**Cerflex**—Mechanical binding in plastic. General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill.

**Cerlox**—Plastic binding. General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill.

**Certified**—Syndicate and newspaper stereotype mats. Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.

**Certifine** — Tympan paper. Roll widths for every press. Riegel Paper Corp., 260 Madison Ave., New York 16, N. Y.

○**Challenge**—Unit galley cabinets, iron furniture, lever, power and automatic paper cutters, newspaper base cabinet, paper drilling machines, portable router with curved plate attachment, power ink distributor, type high unit (serving as router, router vise) storage tables, rotogravure cylinder tables. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

**Challenger** — Camera lamps for copy cameras. Strong Electric Corp., 87 City Park Ave., Toledo 2, O.

**Champ**—Tipping and book back glue. Champion Manufacturing Co., Inc., 824 N. Caldwell St., Charlotte 6, N. C.

**ChamPADco**—Padding press and cement. Champion Manufacturing Co., Inc., 824 N. Caldwell St., Charlotte 6, N. C.

○**Champion**—Cork creepers. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

**Champion**—Non-scratch halftones, book and super black inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

**Champion**—Padding press. Champion Manufacturing Co., Inc., 824 N. Caldwell St., Charlotte 6, N. C.

**Champion** — Stitching machine. Acme Steel Products, Div. of Acme Steel Co., 135th St. & Perry Ave., Chicago 27, Ill.

**Champlain**—Roll feed gravure and letterpress printing equipment, etc. Champlain Company, Inc., Harrison Ave., Roseland, N. J.

**Chandler**—Stringing and tying machines. Chandler Sales & Service Co., 245 Seventh Ave., New York 1, N. Y.

○**Chapman**—Static eliminator for presses, bronzers, feeders, folders, etc. The Portland Company, 60 Fore St., Portland 6, Me.

○**Chemco**—Stripfilm roll camera, etching machines, whirlers, stove coolers, stripping cabinets, powder boxes, stainless steel developing tanks, refrigerated sinks, stripfilm, stripfilm developer, collodion, acid sulphate solution, hardener tablets. Chemco Photoproducts Co., Charles St., Glen Cove, N. Y.

**Chemco Wax and Fast Setting Inks**—Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Chemical Color & Supply**—Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Chemigum** — Synthetic resin-like plate making material. Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.

○**Cheshire** — Mailing and labeling machines, counter stacker machines, labeling adhesive. Cheshire, Incorporated, 1644 N. Honore St., Chicago 22, Ill.

**Chex** — Negative stain. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

○**Chief "22"**—Offset printing press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**Christensen** — Continuous suction stream feeder, pile suction stream feeder, multiple-head gathering and stitching machine, high-speed bronzer. Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Chromatone** — Inks. Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

**CK** — Automatic cylinder cutter and creaser. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

○**C Kelly**—Automatic cylinder press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**Clark**—Newsprint roll and materials handling equipment. Clark Equipment Co., Industrial Truck Div., Battle Creek 151, Mich.

**Clarkes'**—Pearl Web Grippers. Special grippers for patent base. Will-Lo Products, 4518 N. Winchester, Chicago 40, Ill.

**Claybourn Precision** — Diagonal base and plate clamps. The Cottrell Company, Sub. Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.

○**Clean-A-Mat**—Tool for eliminating hairlines on slugs cast on linecasting machines. Fisk Industries, 130 W. 46th St., New York 36, N. Y.

○**Clean-O-Type**—A powdered type metal flux. Imperial Type Metal Co., 3400 Armmingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.

**Cleveland**—Black and red inks for letterpress use. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

**Cleveland**—Paper folder. Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Climax**—Paper drills. Climax Manufacturing Co., 1025 E. Chestnut St., Santa Ana, Calif.

**Cling-Surface**—Liquid or bar preservative for transmission belts. Cling-Surface Co., 1032-48 Niagara St., Buffalo 13, N. Y.

**Clipper** — Belt lacers, cutters, hooks, lacers, tape lacers, cutters and fasteners. Clipper Belt Lacer Co., 974 Front Ave., Grand Rapids 2, Mich.

○**Clipper**—Printing press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○**Clipper**—Rolling table saw for composing and stereo departments. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo, Mich.

**CMC**—Platen printing press, corner cutter, pedestal and bench models. Craftsmen Machinery Co., 75 W. Dedham St., Boston 10, Mass.

**Collamatic**—Gathering and collating equipment. Collamatic Corporation, State Hwy. No. 23, Wayne, N. J.

**Colomat**—Diazotype film for process color proofing. Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.

**Colorado Red**—Printing ink. Geo. H. Morrill Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Colorgraph**—Color printing process without color plates. Multicolors from black and white halftone. Colorgraph Process Co., 241 E. Illinois St., Chicago, Ill.

○**Color Plate Pre-Registering Machine**—A high speed system for accomplishing precise register of two, three and four color stereotype plates for newspapers. Wood Newspaper Machinery Corp., 688 Second St., Plainfield, N. J.

**Color-Sep**—Unit for making screened or continuous tone process color separation negatives and positives from positive and negative transparencies. Paul Anderson Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.

**Colorvar**—Colored overprint varnish. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Color Verter**—Paper coloring machine. Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.

**Colotone**—Shading sheets for preseparated color copy. Bourges Color Corp., 80 Fifth Ave., New York 11, N. Y.

**Colt's Armory**—Printing presses. Thomson-National Press Co., Dean Ave., Franklin, Mass.

○**Combino**—Synthetic top blanket. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

○**Comet**—Flatbed web perfecting press. The Goss Company, Div. of Miehle-Goss-Dexter Inc., 5601 W. 31st St., Chicago 50, Ill.

○**Comet** — Linotype line-composing machine operates at 12 lines per min. May be operated manually or by Teletypesetter keyboard operating unit. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Comet**—Saw trimmer. Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.

**Comet**—Platemaking camera. Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

**Comfortaire**—A dehumidifying unit. American Coils Co., Lakewood Rd., Farmingdale, N. J.

**Computagram** — Computing fan scale for laboratory use. Toledo Scale Co., 1015 Telegraph Rd., Toledo 12, O.

**Condor**—Rubber belts. Manhattan Rubber Mfg. Div., Raybestos-Manhattan, Inc., 61 Willett St., Passaic, N. J.

**Consoleveler**—Plate finishing machine. Bishop-Stansell Co., W. Carrollton, O.

**Constant** — Non-scratch printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Contrast**—Copying purposes dry plates. G. Cramer Dry Plate Co., 1835 Shenandoah Ave., St. Louis 4, Mo.

○**Cooksey**—System of web break detection and severing of the web on rotary, magazine and newspaper presses. Korthe Engineering Co., 9353 Seymour Ave., Schiller Park, Ill.

○**Cooper Hewitt**—A mercury vapor lamp. General Electric Co., 1 River Rd., Schenectady 5, N. Y.

**Coppersheen**—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Cork-coat** — Blanket treatment. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

○**Corkpak**—Cork stereotype molding blankets, cutting rubbers, drawsheets, folding and delivery tapes and couplers, gummed space backing felt, press packing blankets, proof press blankets, rubber bottom and top blankets, rubber stereotype creeper blankets, tympan paper, under-packing and top blankets. The Corkpak Co., Inc., 70 Argyle Ave., New Rochelle, N. Y.

**Corner-Matic**—Round cornering machine. Climax Manufacturing Co., 1025 E. Chestnut St., Santa Ana, Calif.

**Cosomatic Printer**—Labeling, roller coating and decorating press for various shaped objects. Cosom Engineering Corp., 6012 Wayzata Blvd., Minneapolis 16, Minn.

**Cost Cutter**—A composing room saw-trimmer. C. B. Nelson Co., Div. of Fastener Corporation, 3700 River Rd., Franklin Park, Ill.

**Cottrell**—Rotary magazine presses, roll-feed and sheet-feed, single and multicolor web offset presses, Goebbel gravure presses and slitting and rewinding equipment, Cottrell letterpress plate-making equipment. The Cottrell Company, Sub. of Harris-Intertype Corporation, 86 Mechanic St., Westerly, R. I.

**Coverwell**—Inks. Martin Driscoll & Co., 610 Federal St., Chicago 5, Ill.

**Covorite**—Offset plate gum. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Cowan**—Perforating, slitting and scoring attachment for cylinder presses, perforating gripper and scorer for platen presses. Cowan Pressroom Products, Inc., 1651 Cosmo, Hollywood 28, Calif.

**Cox-O-Type**—Flatbed web perfecting press. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

**Craco-Lith**—Line-contact halftone photography dry plates. G. Cramer Dry Plate Co., 1835 Shenandoah Ave., St. Louis 4, Mo.

**Craft and Duplex**—Non-meltable rollers. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

**Craftint**—Shading mediums. Craftint Mfg. Co., E. 152nd at Collamer, Cleveland 10, O.

**Craftsman** — Automatic platen presses, heavy duty platen press, power paper cutter. The Chandler & Price Co., 6000 Carnegie Ave., Cleveland 3, O.

**Craftsman**—Lineup table precision two-way form liner offset table. Craftsman Lineup Table Corp., 49 River St., Waltham 54, Mass.

**Craftsmen**—Finger-touch lead and rule cutter. Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.

**Cramaco** — Embossing and die making press. Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.

**Cramer**—Electrical timers. Cramer Controls Corp., 100 Saybrook Rd., Centerbrook, Conn.

**Crawford**—Single wrapper mailing machine. MayVan Corporation, 1141 N. Washington Ave., Scranton 9, Pa.

**Crawley**—Rounding and backing machines. Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.

**Crescent**—Oil rollers for offset printing. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

**Cresco**—Letterpress inks. Crescent Ink & Color Co., 464 N. 5th St., Philadelphia 23, Pa.

**Criptic**—Lithographic inks. Crescent Ink & Color Co., 464 N. 5th St., Philadelphia 23, Pa.

**Cromwell Special Prepared**—Tympan paper. Cromwell Paper Co., 4801 S. Whipple St., Chicago 32, Ill.

**Cronar**—Polyester Graphic Arts film. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

**Cronite**—Equipment and supplies for die stamping (steel die embossing). The Cronite Co., North Bergen, N. J.

**Cross**—Continuous paper feeders. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Crown**—Dull halftone ink. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

**Crusader**—Quick-set inks. Canada Printing Ink Co., Ltd., 15 Duncan St., Toronto 1, Canada.

**Curle**—Line-composing matrix anvil and tool gauge assembly. Monomelt Co., 1611 Polk St., Minneapolis 13, Minn.

**Curle Slug Corrector**—For attachment to Intertypes and Linotypes. Curlesaw, Inc., 1725 Maple St., Los Angeles 15, Calif.

**Curry Collator** — Automatic collator. Manufactured by J. Curry Mendes Corp., New Bedford Industrial Park, New Bedford, Mass.

**Curtis Color Analyst**—Device for analyzing color in paper separation prints before etching photoengraving plates to determine color values. Curtis Laboratories, Inc., 2718 Griffith Park Blvd., Los Angeles 27, Calif.

**Cushion Cork**—Cork blanket with fabric both sides. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

**Cushman**—Offset motors for Linotypes and Intertypes. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

**Cutler-Hammer**—Electric switches and controls for printing machinery. Newspaper conveyors and metal melting heating elements. Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.

**CY** — 28x41 Automatic cylinder cutter and creaser. Miller Printing Mchy. Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

**C-Z**—Platen press grippers. Casper Gripper Co., 2123 E. Ninth St., Cleveland 15, O.

## D

**Daily**—Composing machine mold lubricant. Joseph Dixon Crucible Co., 167 Wayne St., Jersey City 3, N. J.

**Dampabase**—Seamless undercovering for dampener rollers. Godfrey Roller Co., 215 North Camac St., Philadelphia 7, Pa.

**Damporite**—Offset fountain solution. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Day-A-Matic** — Offset duplicator. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Davidson**—Offset supplies; offset and letterpress inks; paper masters. Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Davidson Dual-Lith**—Offset presses, convertible to letterpress and dry offset. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Davidson Perforator**—Scorers and slitters for printing presses. Davidson Perforator Co., 319 Main St., East Berlin, Conn.

**Day**—Ink mills and mixers. The J. H. Day Co., Div. of Cleveland Automatic Machine Co., 4932 Beech St., Cincinnati 12, O.

**Dayco** — Synthetic and rubber printing rollers for letterpress and offset; Dayco Stayput synthetic and rubber printing rollers for newspapers; synthetic rubber plate material (uncured). The Dayton Rubber Co., Dayco Div., 2342 W. Riverview Ave., Dayton 1, O.

**Dayco**—Color separators and fountain dividers for printing presses. Dayton Rubber Co., Dayco Div., Dayton 1, O.

**Day-Glo**—Daylight fluorescent silk screen inks. Switzer Brothers, Inc., 4732 St. Clair Ave., Cleveland 3, O.

**Dayton**—Paper trimming knives. Simonds Worden White Co., Summit St. & Negley Pl., Dayton 1, O.

**Deep Etch**—Process for making intaglio offset press plates. Harold M. Pitman Co., 3239 S. 51st Ave., Cicero 50, Ill.

**Dek-A-Tube**—High speed tubular printing press. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

**Densichron**—Reflection and transmission densitometers. W. M. Welch Mfg. Co., 1515 Sedgwick St., Chicago 10, Ill.

**Desomatic**—Dehumidifier. Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y.

**Detergine**—Type and roller wash. Duryea Products Co., Inc., 168 Rockland Ave., Woonsocket, R. I.

**Deublin**—Rotating water joints for webfed presses. Deublin Company, 1155 Waukegan Rd., Glenview, Ill.

**Dewset**—Ink. Fred'k H. Levey Co., 380 Madison Ave., New York 17, N. Y.

**Dexter**—Suction pile stream feeder, reloading stream paper feeder, continuous reloading cardboard feeder. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Dexter** — Jobbing folder, double sixteen folder, quadruple folder. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Dexter-Cahen**—Hot melt binding. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Dexter-Cahen**—Signature notcher. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Dexter-de Florez**—Casing in and building in machine. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Dexter-de Florez**—Jacketing machine. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Dexter-de Florez**—Gluing off and end sheet machine. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Dexter-de Florez** — High speed, sheet-fed case maker. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Diaco**—Contact printer for darkroom use. Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**Diafram**—ATF non-offset spray gun. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**Dial Taper** — Tape moistener. Marsh Stencil Machine Co., 707 East B St., Belleville, Ill.

**Diamant**—Ink gun for platen and proof presses. Diamant Typographic Service, Inc., 140 W. 17th St., New York 11, N. Y.

**Diamond**—Five paddle etching machine. Axel Holmstrom Etching Machine, 2555 Carpenter St., Philadelphia 46, Pa.

**Diamond**—Halftone black printing ink. J. H. & G. B. Siebold, 150 Varick St., New York 13, N. Y.

**Diamond**—Power paper cutter. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

**Dick Mailer**—Hand mailing label machine. Dick Mailer Co., The, 137 W. Tupper St., Buffalo 1, N. Y.

**Diene**—Moisture set ink. Crescent Ink & Color Co. of Pa., 464 N. 5th St., Philadelphia 23, Pa.

**DiKote**—Plastic fibre plates. Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

**Di-Noc**—Photograph film with non-shrinking qualities. Di-Noc Chemical Arts, Inc., 1700 London Rd., Cleveland 12, O.

**Directomat**—Direct pressure molding presses for stereotype matrix molding and drying. Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.

**Disston**—Paper cutter knives. Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa.

**Dixie**—Cold top enamel. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

**Dixon** — A router and type-high planer. Automatic Saw Co., 735 E. Ohio St., Indianapolis 2, Ind.

**Dixon**—Mold polish for typesetting machine molds. Automatic Saw Co., 735 E. Ohio St., Indianapolis 2, Ind.

**D-Mount**—Rubber plate printing cylinder. Mosstype Corporation, 150 Franklin Turnpike, Waldwick, N. J.

**Do-All**—Auxiliary fingers for platen press grippers, all sizes of presses. Chester L. Lance Co., 620 Browder St., Dallas 1, Tex.

**DoAll**—Stereo band saw. DoAll Co., 254 N. Laurel Ave., Des Plaines, Ill.

**Domore** — Raised letter machine. Virkotype Corp., 111 Rock Ave., Plainfield, N. J.

**Do-More Speedster**—Saw trimmer, routers, planers. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

**Doo Dad**—Flat casting boards. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

**Double Coated**—A tape for mounting cuts. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

**Double Grip**—Gauges. E. L. Megill Co., 761 Atlantic Ave., Brooklyn 17, N. Y.

**Double M**—Folding machine. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Double M** — Magnesium furniture and newspaper cut mounting base. The Monomelt Co., Inc., 1611 Polk St., N.E., Minneapolis 13, Minn.

**Double Purpose** — Water cooled, roll-over air-cooled molds. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

**Doubletone**—Secondary color inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Double-Wall**—Steel galleys. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

**Douthitt**—Gravure, offset, photoengraving, stereotype, pressroom and silk screen equipment and supplies. The Douthitt Corporation, 680 E. Fort St., Detroit 26, Mich.

**Dow-Chemco**—Powderless etching machine for zinc and magnesium. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

**Dowd** — Paper trimming knives. Simonds Worden White Co., 607 Negley Pl., Dayton 7, O.

**Doyle**—Electric sheet heater, vacuum sheet cleaner, infra-red drier and liquid static destroyer. The J. E. Doyle Co., 1220 W. Sixth St., Cleveland 13, O.

**Doyle-Allen**—Geared vibrator roller for platen presses. The J. E. Doyle Co., 1220 W. Sixth St., Cleveland 13, O.

**Drawlok**—Cylinder for mounting rubber printing plates. E. A. Crawford Co., P.O. Box 216, Edgewood Sta., Providence 5, R. I.

**D. R. D.**—Liquid offset dampener roller detergent. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

**Drillmaster**—Power driven paper drill. Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.

**Dri Shield** — Anti-oxidant spray for inks. Kohl & Madden Printing Ink Corp., 1132 S. Jefferson St., Chicago 7, Ill.

**Dross Sifter**—Monomelt Co., 1611 Polk St., N.E., Minneapolis 19, Minn.

**Dualkote** — Photosensitive aluminum plates. Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

**Dual-Lith**—Offset press. Davidson Corporation, Sub of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Duall '6' Foto Unit**—Combination, camera, enlarger and light table for making silk screen stencils. Modi-Graphic, Inc., 215 E. Ninth St., Cincinnati 2, O.

**Ductor Roll Ink Control**—For flatbed presses. Midwest Printers Supply, Inc., 1209 Sycamore, Cincinnati 10, O.

**Duliset**—Printing inks. Geo. H. Morrill Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Dumore**—Litho asphaltum. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

**Dumperin** — Metal pot charging mechanism for type metal remelting furnaces. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

**Duorite** — Presensitized aluminum plates. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Duplex** — Combination molder. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

**Duplex** — Cork molder. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

**Duplex** — Flatbed web, semi-cylindrical, unitubular, tubular, high speed web printing presses and stereotype machinery. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

**Duplex** — Numbering machines, type high. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

**Duplex**—Wire stitching machine. Gitzendanner - Muller Co., 15 Vandewater St., New York 38, N. Y.

**Duplex Display**—Two letter Linotype matrices in 18 and 24 pt. sizes. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Duplex Non-Meltable**—Compostion roller. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

**Duplimat** — Duplicating master. Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.

**Duponol**—Surface roller and plate cleaner. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

**Duradiant**—Radiant gas burners for drying and heating photoengraving plates. Selas Corp. of America, Dresher, Pa.

**Duraflex**—Flexographic and gravure inks. Sinclair and Valentine Co., 611 W. 129th St., New York 27, N. Y.

✪**Duraplate** — Photoengraving zinc alloy, designed for long press runs and for large quantity stereotype mat production. Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa; 1800 S. 54th Ave., Chicago 50, Ill.

**Durol**—Staging ink. Durol Company, Inc., P.O. Box 335, New Paltz, N. Y.

**Durolith**—Aluminum offset plates. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

✪**Duromat**—Stereotype dry mat for newspaper work. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

**DX**—Synthetic newspaper press roller. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

## E

**Eagle** — Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Eagle Solvent**—Type wash. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Eagloss**—Gloss inks for all purposes. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

✪**Eastern**—Casting boards, matrix storage box, cork lined. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

✪**Eastern**—Newspaper supplies, stereotype, composing room and pressroom. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

✪**Eastern Red Fibre** — Stereotype molding board. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

✪**EasyKaster**—Casting boxes. Hammond Machinery Builders, Inc., 1603 Douglas Ave., Kalamazoo 54, Mich.

**E. B. Co.**—22 x 34 single color offset press. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

✪**Ebonite**—Plastic roller substituting for steel rollers on printing and lithographic presses. Rapid Roller Co., 2558 S. Federal St., Chicago 16, Ill.

**Eclipse Supertex**—Offset black ink. Gaetjens, Berger & Wirth, Inc. 35 York St., Brooklyn 1, N. Y.

**Econex**—News ink. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

**Econo** — Molded rubber printing plates, Plastiply matrices for plastic and rubber plates. Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.

✪**Economical**—Block system, patent base. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

**Econ-O-Mist** — Letterpress inks. Braznell Company, 5215 Manchester Ave., St. Louis 10, Mo.

**Economy**—Baling presses for all purposes. Economy Baler Co., 1254 N. Main St., Ann Arbor, Mich.

**Economy**—Paper lifters for stacking rolls, cases, bundles and skids. Economy Engineering Co., 4511 Lake St., Chicago 24, Ill.

✪**Economy**—Vertical rotary miterer. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

**Economy**—Sprayko fluid. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

✪**Economy Tail Piece**—Fibre tail for tubular casting boxes. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

**Edes**—Gravure copper. Edes Manufacturing Co., Water St., Plymouth, Mass.

**Edes**—Hard matrix and regular zinc plates. Edes Manufacturing Co., Water St., Plymouth, Mass.

**Ektagraph** — Stripping film for screen process halftone work. Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

**Elasta**—Non-meltable rollers. Godfrey Roller Co., 215 North Camac St., Philadelphia 7, Pa.

✪**Electric Quadder**—Device on Linotype machines for automatic quadding with Teletypesetter operation. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

✪**Electric Spacer** — Paper cutting machine. Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

✪**Electromatic** — Diemakers' saws and printers' saw trimmers. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

✪**Electromatic Safety**—Safety system on Linotype machines which automatically prevents shifting of magazines until all matrices are completely distributed. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

✪**Electro Sealer**—Brazing machine for steel rule. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

**Elles**—Automatic stream feeder. Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.

✪**Elrod** — Machine for producing leads, slugs, rule and base material in strips. Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.

**Elvacet**—Bookbinding adhesives. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

**Elvanol** — Polyvinyl alcohol for stencil screens, etchings and molded printing plates and rollers. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

✪**Elwell-Parker**—Electric, gas and gas-electric industrial trucks, tractors and cranes. Elwell-Parker Electric Co., 4205 St. Clair Ave., Cleveland 3, O.

**Embee**—Folding machines. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Embosograf**—Machine, type and accessories. Embosses several colors in one operation. Embosograf Corp. of America, 38 W. 21st St., New York 10, N. Y.

✪**Embossograph** — Raised printing equipment, inks and compounds. Embossograph Process Co., 3720—14th Ave., Brooklyn 18, N. Y.

**Emco**—Automatic roll wrapping machines for newspapers. L. C. Martin & Associates, 302 Crestwood Village, Northfield, Ill.

**Empco**—Proportioning rule. Empco Manufacturing Co., 929 Atlantic Ave., Atlantic City, N. J.

**EMPCO Shutter**—Camera and enlarger shutter. Electronic Mechanical Products Co., 929 Atlantic Ave., Altantic City, N. J.

**Empire**—Cold top enamel. Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y.

**Empire**—Flatbed special newsprint, magazine and photo news black ink. Empire Type Foundry, 55 N. Main St., Delevan, N. Y.

**Enco**—Pre-sensitized offset plates. Azoplate Corporation, 558 Central Ave., Murray Hill, N. J.

✪**E. N. S. Molder**—Hard cork molding blanket. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

**Epico**—Printing ink and compound (reducing). General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Equipto**—Steel shelving, lockers, trucks, tables and bins. Equipto, 401 S. Highland, Aurora, Ill.

**Erie**—Automatic lay-boy. Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.

**Essar**—Light integrator. Unitronics, Incorporated, 472 Paul St., St. Louis 21, Mo.

**Essyew**—Secondary color inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Etchorite**—Offset plate etch. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Etsco**—Offset and photoengraving equipment and supplies. E. T. Sullebarger Co., 114 Liberty St., New York 6, N. Y.

✪**Eureka**—Photo-making machine. Wesel Mfg. Co., 1141 N. Washington Ave., Scranton 9, Pa.

**Evabrite**—Opaque and transparent front surface mirrors. Semon Bache & Co., 636 Greenwich St., New York 14, N. Y.

**Evalast**—Electroplated Copperback mirrors. Semon Bache & Co., 636 Greenwich St., New York 14, N. Y.

**Eva-Press**—Vulcanizing press for rubber plate making. American Evatype Corp., 749 Osterman Ave., Deerfield, Ill.

**Ever Ready**—Lever paper cutter and steel chases. Ever Ready Machinists, Inc., 137 W. 19th St., New York 11, N. Y.

**Ever-Ready**—Power spray guns for all types of presses. Press Filter Co., 848 N. Crescent Hts. Blvd., Los Angeles 46, Calif.

✪**Ever-Ready Servicer**—Electrically heated storage and heating mat boxes at scorcher temperature. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.

✪**Everyday** — Inks. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

**Ewald**—Plunger cleaner and well brush for Linotype and Intertype machines. Plunger cleaner service wagon with dross drawer. L. Ewald Co., 14359 Bessemer St., Van Nuys, Calif.

✪**Ex-Static**—Aerosol static eliminator. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

**Excello**—A bright red letterpress ink for general use. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

**Excelorite** — Mechanical negative. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Excelsior**—A hand printing press. W. A. Kelsey Company, 45 Crown St., Meriden, Conn.

✪**Extra Hi-Speed**—Rotary newspaper presses. Walter Scott & Co., Inc., 525 South Ave., Plainfield, N. J.

**Extron**—Non-porous synthetic rollers for letterpress and offset. The Moreland Corporation, York and Fitzwatertown Rds., Willow Grove, Pa.

## F

**Fabrikoid**—Imitation leather. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

✪**Facekote**—Protective plastic coating for engraved plates. Atlantic Zinc Works Inc., 210 Van Brunt St., Brooklyn 31, N. Y.

✪**Face-O-Type**—Device for screening type faces. Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md.

**Fade-print**—Process for making image prints on engravers' metal. Harold M. Pitman Co., 3239 S. 51st Ave., Cicero 50, Ill.

**Falco**—Inks and supplies. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Federated Process Metals**—Metals for all printing purposes. Federated Metals Div., American Smelting & Refining Co., 120 Broadway, New York 5, N. Y. Branches: Newark, N. J.; Pittsburgh, Pa.; St. Louis, Mo.; San Francisco, Calif.; Houston, Tex.; Los Angeles, Calif.; Philadelphia, Pa.; Whiting, Ind.

**Federoid**—Hard ink solvent. James I. Peck, (Reg.) 47 High St., West Orange, N. J.

**Ferguson**—Roller gear drive. Ferguson Machine & Tool Co., Inc., P.O. Box 5841, St. Louis 21, Mo.

**Fibrous Seasonal** — Composition roller. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

**Figure 290**—Ink handling system for news presses. Bowser, Inc., 1302 Creighton Ave., Ft. Wayne 2, Ind.

✪**Film-Kleen**—Solution for Cleaning film, glass, color filters and camera lenses. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

**Filmotype**—Letter-by-letter photographic type composing machine. Filmotype Corporation, 7500 McCormick Blvd., Skokie, Ill.

✪**Finaltrim**—For trimming curved stereotype mats. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

**Finger-touch**—Lead and rule cutter. Craftsmen Machinery Co., 75 W. Dedham St., Boston 10, Mass.

**Five Star**—A stereotype mat. Rapid Electrotype Co., McMicken and Race Sts., Cincinnati 14, O.

**Flanol**—Seamless offset dampener roller undercover. Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.

✪**Flash**—Black ink. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

**Flashdri**—Quick drying inks including heating apparatus. Fred'k H. Levey & Co., Inc., Printing Ink Div., 380 Madison Ave., New York 17, N. Y.

**Flashdrier** — High speed drying equipment for multicolor printing. Fred'k H. Levey & Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.

✪**Flash Ink** — Colors. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

✪**Flecto**—Gummed mat backing felt Eastern Newspaper Supply Inc., 9603 Northern Blvd., Corona, 68, N. Y.

**Flex-Back**—Cold adhesive for gluing-off books and padding tablets. National Adhesives Div., National Starch Products Inc., 270 Madison Ave., New York 16, N. Y.

**Flexichrome**—A process for converting black and white picture copy into color copy ready for color separation in the camera. Eastman Kodak Co., 343 State St., Rochester 11, N. Y.

**Flexitol**—Rollers for color printing. Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.

**Flexmaster**—Sheet fed flexographic press. E. L. Harley, Inc., 8701 Third Ave., Brooklyn 9, N. Y.

**Flexo** — Flexible padding glue. American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.

**Flexo**—Stereotype metal for color printing. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

**Flex-O-Coil** — Process binding. Sloves Mechanical Binding Corp., 225 Varick St., New York 13, N. Y.

**Flexocraft**—Natural or synthetic rollers for flexographic presses. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

✪**Flex-O-Felt**—Gummed mat packing felt. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

**Flexofine**—Flexographic ink. General Printing Ink Co., Div. of Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

✪**Flexogem**—Flexographic inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

**Flexogloss**—Flexographic ink. General Printing Ink Co., Div. of Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Flexosheen** — Flexographic ink. General Printing Ink Co., Div. of Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

✪**Flexotuf**—Flexographic inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

**Flextite** — Flexible die stamping ink. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

✪**Flinker**—Divider for ink fountains. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

✪**Flintex**—Halftone black ink. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

✪**Flint-Flex**—Flexographic or aniline inks. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

✪**Flintglo**—Process and offset inks. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

✪**Flintspray**—Anti-offset spray solution. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

✪**Floored Iron**—Furniture for box plants. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

**FloorMaster** — Industrial floor trucks. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

**Flux Stanlite**—Type metal flux. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

○**Force-Typographs**—Automatic typographical, over type high and type high numbering machines, paging chains, rotary numbering heads, sales books, top and bottom plunger, typographic numbering machines. Daters. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

○**Form File**—Hydraulic page and galley storage elevator. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

**Form-Liner** — For form line up. Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass.

○**Form-O-Scorch** — Matrix driers. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

○**Form-O-Stock**—Form lift and storage. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

**Fotochrome**—Ink for duplicating results color photography. Bowers Printing Ink Co., 2655 W. Irving Park Rd., Chicago 18, Ill.

**Fotomaster**—Camera for reproportioning type reproduction proofs for making photostats and for straight camera work. Modi-Graphic, Incorporated, 215 E. Ninth St., Cincinnati 2, O.

○**Fotomat**—Character bearing element for photographic line typesetting machine. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.

**Foto-Riter** — Photolettering machine. Foto-Riter Company, 63 S. 13th St., Minneapolis 3, Minn.

○**Fotosetter**—Photographic line-composing machine. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.

○**Fototone Mat**—For halftone reproductions, hot or cold molding. Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.

○**Foto-Tape** — Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

**Fototype**—Cardboard alphabets for offset-lith reproduction. Fototype Co., 1414 W. Roscoe St., Chicago 13, Ill.

○**Foundation** — Synthetic oil-proof blanket. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

**Frankcolene** — Cleaning fluid. Franklin Printers Supply Co., 608 Cherry St., Philadelphia 6, Pa.

**Franklin**—Printing catalog. Guide to printers' costs. Porte Publishing Co., 952 E. 21st St., South, Salt Lake City 6, Utah.

**Freon TF Cleaner**—Film cleaner. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

○**Friction Fighter**—Ball and roller bearings. Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

**Fuchs & Lang** — Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Fuzon**—Gummed stereotype packing felt. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

## G

○**Gaco** — Photoengravers' resist. Jones Graphic Products Co., 320 Broadway, S. E., Albuquerque, N. M., and Graphic Arts Corp. of Ohio, 110 Ottawa St., S. E., Toledo, O.

**G.B.C.**—Loose leaf metal bindings. General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill.

○**G-E**—Fluorescent lights. General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.

○**G-E**—Printing machinery motors, controls, heating units and metal-melting systems, timers, transformers, cables, wire, switch gear and register control systems. General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.

**Gelastic**—Rollers for letter and offset presses. Vulcan Rubber Products, Inc., First Ave. & 58th St., Brooklyn 20, N. Y.

**Gelatine** — Gelatin filters, color separators, color correction and colored sheets. Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.

**Gelb** — Lineup tables, photomechanical lamps, color separation reproducer. Joseph Gelb Co., 52 Arlington St., Newark 2, N. J.

**Gem**—Special metal for use in electric etching machine. General Plate Makers Supply Co., 5441-55 N. Kedzie Ave., Chicago 25, Ill.

○**Gemtone**—Fast-drying silk screen poster inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

**General**—Electric etching machine. General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.

**General**—Screen process printing press. General Research & Supply Co., 572 S. Division Ave., Grand Rapids 3, Mich.

**Georgian-Silver** — Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Giant**—Machine for casting type, quads, spaces and furniture (for spacing and to serve as base for mounting cuts) in all sizes from 14 to 72 pt. Lanston Monotype Co., 24th and Locust Sts., Philadelphia 1, Pa.

**Gilbertville**—Roll cutting machine. Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.

**Glas-print** — Process, negative to positive, or vice versa, on glass, by contact. Harold M. Pitman Co., 3239 S. 51st Ave., Cicero 50, Ill.

○**Glazcote** — Ink conditioner for scratchproof finish. Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.

**Glider**—Camera for Graphic Arts reproduction work. W. A. Langford Co., 10114 S. Crandon Ave., Chicago 17, Ill.

○**Glider Trim-O-Saw** — Composing room saw-trimmer. Hammond Machinery Builders, Inc., 1603 Douglas Ave., Kalamazoo 54, Mich.

**Globe**—Numbering machines and numbering devices. Ameurope, Incorporated, 535 Communipaw Ave., Jersey City 4, N. J.

**Glo-Brite**—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Glo-Ray**—Gloss inks. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

**Glostone**—High-gloss printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Gluemaster**—Gluing machine. Kenneth J. Moore & Co., 1778 W. Estes Ave., Chicago 26, Ill.

**Godfrey** — Printers' composition rollers, rubber rollers. Godfrey Roller Co., 211 North Camac St., Philadelphia 7, Pa.

**Goedite Graphic Roller** — Fabric covered graphic non-meltable feed roller for use on newspaper, corrugated box, steel die engraving presses requiring washups frequently. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

**Goerz Red Dot Artar**—Photo-lens for photoengravers and lithographers. Goerz, C. P., American Optical Co., 461 Doughty Blvd., Inwood 96, N. Y.

**Go-Getter**—Electric lift truck. Revolvator Company, Tonnele Ave., North Bergen, N. J.

○**Gold**—Tympan drawsheet, 0.012 in. gauge, skivered surface. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

**Golden Arrow**—Bronzing machine. Kidder Press Co., Inc., Dover, N. H.

**Goldsheen**—Metallic inks. General Printing Ink Co., Div., Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Golveneer**—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Goodrich**—Offset blankets (used in offset printing), and offset rollers. B. F. Goodrich Industrial Products Co., Akron 18, O. (Niles & Nelson, 75 West St., New York 6, N. Y., exclusive distributors.)

○**Goodrich**—Printers' rollers. Niles & Nelson, 75 West St., New York 6, N. Y.

**Goodrich**—Relief printing materials; engraving rubber; unvulcanized printing rubbers for molded rubber plates; sponge rubber; adhesive fabrics and rubber cements for bonding rubber plates to wood mount or metal saddles. B. F. Goodrich Industrial Products Co., 500 S. Main St., Akron 18, O.

**Goodyear**—Black synthetic face felt, synthetic intermediate, high speed red top under blankets for newspaper presses. Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.

**Go Prene**—Synthetic rubber rollers, litho and offset. Godfrey Roller Co., 211 North Camac St., Philadelphia 7, Pa.

○**Goss** — Flatbed web, newspaper, magazine, color and rotogravure presses. Stereotype equipment. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

○**Goss-Gravure**—Roll feed rotogravure press. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

○**Goss-Speedry**—Rotogravure press. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

○**Goss-Reel-Tension-Paster** — Automatic web splicing device. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

○**G-P (General Purpose)** — Typographical numbering machines. Wm. A. Force & Co., 216 Nicholas Ave., Brooklyn 8, N. Y.

**GPI**—Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Graeber**—Stringer and knotter for stringing booklets. Shipping and merchandise tags. Graeber Stringing & Wiring Machine Co., 375 Eleventh Ave., Paterson 4, N. J.

**Grafare**—Arc lamps for photoengraving offset and silk screen. The Strong Electric Corp., 87 City Park Ave., Toledo 1, O.

**Grafa-Tone Screen**—Special design photoengraving screen. Graphic Photo Engraving Co., Inc., 207 W. 25th St., New York 1, N. Y.

**Graham**—Variable speed transmission. Graham Transmissions Inc., Menomonee Falls, Wis.

**Graph** — Black negative opaque. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

**Graph-Air**—Graphite gun lubricator for line-casting machines. Joseph Dixon Crucible Co., 167 Wayne St., Jersey City 3, N. J.

**Graphic Rollers, Ideal**—Non-meltable glue and glycerine rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

**Graphotype**—Type embossing machines. Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.

○**Graton** — Direct pressure and transfer stereotype mat. Wood Flong Corp., Hoosick Falls, N. Y.

**Graytone** — Lithographic rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

**Green Cor** — Kraft and colored kraft gummed tapes, gummed Hollands, gummed cloth and gummed sisal tapes. Mid-States Gummed Paper Co., 6850 S. Harlem Ave., Bedford Park, Ill.

**Green Seal** — Pastes and glues. Green's Paste Works, 200 Liverpool Rd., Liverpool, N. Y.

**Griptite**—A label adhesive. Paisley Products, Inc., 1770 Canalport Ave., Chicago 16, Ill.

**Griptite**—A stereotype prepared packing felt. United Stereotype Supply Corp., P. O. Box 38, W. Lynn, Mass.

○**Griptite** — Autoplate drive belt. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

**Grob**—Band sawing machine. Harold M. Pitman Co., 3239 S. 51st Ave., Cicero 50, Ill.

**Groton**—Treated tympan paper. Hollingsworth & Vose Co., East Walpole, Mass.

**G-W**—Pneumatic lowering machine for handling newsprint rolls. Gifford-Wood Co., One Hudson Ave., Hudson, N. Y.

## H

**Hadego** — Phototypesetting machine. Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.

**Halda** — Aniline presses. Special machines for making carbon paper, inked ribbons and foil. Coloring and laminating, gumming and varnishing. Hot wax spot carbonizer. Halda Engineering Co., 34-11 Vernon Blvd., Long Island City 6, N. Y.

**Halm Jet Press**—Card and envelope printing press. Halm Instrument Co., Inc., Glen Head Rd., Glen Head, L. I., N. Y.

○**Hamilton**—Composing room equipment, wood type, poster boards, backing lumber and engraving woods. Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.

**Hamilton**—Rotary printing presses, slitters, perforators, punches, etc. Stereotype casting boxes. The Hamilton Tool Co., Ninth and Hanover, Hamilton, O.

**Hammer** — Photographic film for photomechanical reproduction processes, photographic dry plates. Consolidated - Hammer Dry Plate & Film Co., 1112 N. Homan Ave., Chicago 51, Ill.

○**Hammond**—Composing room saw trimmers and stereotype flat casting boxes, routers and shavers. Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.

**H & V Jute Tympan** — Treated tympan paper. Hollingsworth & Vose Co., East Walpole, Mass.

○**Handy**—Newspaper files. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

○**Handy-Oil**—For lubricating numbering machines. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

**Hardshell**—Halftone inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Hard-Tex**—Metal decorating inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Hardtop**—Non-rubbing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Harris** — Offset, letterpress and metal decorating presses; bindery equipment. Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

**Harris**—Offset platemaking chemicals. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

**Harris Key Register System**—A system of registering sheets on offset press. Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

**Harvest**—Yellow offset ink. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Haz-el-ite**—Plastic base for mounting rubber plates. Lockwood Company, 125 N. Fifth St., Atchison, Kan.

**HCM**—Offset and cylinder letterpresses. HCM Corporation, 80 Varick St., New York 13, N. Y.

**Headliner**—Photolettering machine. Vari-Typer Corporation, 720 Frelinghuysen Ave., Newark 5, N. J.

○**Headliner Press**—The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

**Heavy Duty 40** — Paper cutter. Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

**HECTOmasterGRAPH**—Hectograph master copy sets. General Manifold & Printing Co., Franklin, Pa.

○**Heidelberg**—Platen and cylinder presses. Heidelberg Automatic presses. (See Manufacturers' Index).

**Hempel**—Quoins and quoin keys. H. A. Hempel, 586 Tonawanda St., Buffalo 7, N. Y.

○**Henderson Cylinder Etching Equipment**—Integrated equipment for photoprinting and etching gravure and typographic cylinders. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**Henderson Intaglio Halftone Process**—A process for producing dot images suitable for gravure printing, similar to "invert" halftone. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**Henschel**—Bronzing machines and aniline presses, laminating equipment. C. B. Henschel Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis.

**Herrick** — Inks. Halftone blacks, non-scratch blacks, dull blacks, process colors, process web-printing colors. William C. Herrick Ink Co., Inc., One Maple St., East Rutherford, N. J.

**Hess & Barker**—Two, three or four color roll feed rotary press with hydraulic rewind. Electrotyping and stereotype finishing machines. Color plate register system. Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.

**Hidensity** — Deep etch sensitive coating. Lithoplate, Incorporated, Sub. of Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

**High-Speed** — Miller (HS) automatic job cylinder press. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

**High-Speed**—Drawsheet for newspaper presses. Goodyear Tire & Rubber Co., 1144 E. Market St., Akron 16, O.

**Higravity** — Deep etch sensitive coating. Lithoplate, Incorporated, Sub. of Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

**Hill Plastex**—Direct pressure mat for black and white and also ROP color reproduction. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

**Hi-Lo**—Stereotype chase. Chesley F. Carlson Co., 2240 Edgewood Ave., Minneapolis 26, Minn.

**Hi-quality**—Steel stereotype molding sheet. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

**Hi-Speed**—Paper base strip film. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

**Hi-Speed**—Quoins. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

**Hobbs**—Die cutting press. Hobbs Mfg. Co., 26 Salisbury St., Worcester 5, Mass.

**Hoe**—Newspaper, magazine, multicolor, rotogravure, metal decorating, and offset presses. Stereotype machinery. R. Hoe & Co., Inc., 910 E. 138th St., New York 54, N. Y.

**Hoe Super-Production Magazine and Rotogravure Presses** — R. Hoe & Co., Inc., 910 E. 138th St., New York 54, N. Y.

**Hoerner**—Type-high machine, type-high plane and shuteboard with attachment for beveling plates for use on patent bases. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

**Holdfast**—Liquid drier. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

**Holdfast**—Non-scratch ink. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

**Holdfast**—Paper hangers for conditioning paper. Southworth Machine Co., 30 Warren Ave., Portland 5, Me.

**Hold-Fast**—Press grippers. Chester L. Lance Co., 620 Browder St., Dallas 1, Tex.

**Honeycomb** — Original Blatchford honey comb base for plate mounting and registering. National Lead Co., 111 Broadway, New York 6, N. Y.

**Honig**—Rule and slug cutter. Universal Mono-Tabular Corp., 706 Olive St., Dallas 1, Tex.

**Horizontal** — Medium size two-revolution flatbed press. Miehle Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Hot Melt**—Equipment for coating paper and similar substances with thermoplastic material for protection and better wearing qualities. Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

**Hot Spot Carbonizer** — J. Curry Mendes Corp., 1 Curry Lane, Canton, Mass.

**H. S.** — Rollers for newspapers. Dayton Rubber Co., 2380 Riverview Ave., Dayton 7, O.

**HS**—Symbolic abbreviation of firm name. Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

**Huber**—Inks for all printing processes, dry colors, carbon black, varnishes and compounds. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

**Huberex**—Untoned news ink. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

**Huberex Econex**—News ink. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

**Huberex Suprex** — Special tinted news ink. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

**Hubertone**—Toned news ink. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

**Humiset**—Moisture set ink. Hill-Hentschel Company, 3928 Clayton Ave., St. Louis 10, Mo.

**Hunt**—Chemicals for photoengraving and offset platemaking. Philip A. Hunt Co., Palisades Park, N. J.

**Hurletron**—Electronic timing device for photoengraving offset and gravure platemakers, d.c. press drive. Electric Eye Equipment Co., 1938 E. Fairchild St., Danville, Ill.

**Hydraulic** — Lift truck, handlift and foot-lift operation. Lewis-Shepard Sales Corp., 125 Walnut St., Watertown 72, Mass.

**Hydrill**—Automatic single spindle drill. Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.

**Hydro**—Corner cutter. Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.

**Hydro**—Oil inks to approximate water color inks. Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.

**HydroCaster** — Hydraulic electrotype plate caster. Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.

**Hydro-Etch**—Used either as offset plate or fountain etch. Lithoplate, Incorporated, Sub. of Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

**Hydrogum**—For gumming up offset press plates or in fountain solutions. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

**Hydrolectric**—Electric powered lift trucks. Lift Trucks, Inc., 2425 Spring Grove Ave., Cincinnati 14, O.

**Hydry**—Steam-set inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Hyklas**—Transfer paper. J. H. & G. B. Siebold, Inc., 150 Varick St., New York 13, N. Y.

**Hyklass**—Equipment and supplies for offset lithography. J. H. & G. B. Siebold, Inc., 150 Varick St., New York 13, N. Y.

**Hyox** — Extenders and pigments for printing and litho inks. Lithoplate, Incorporated, Sub. of Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

**Hypothiolate**—Wetting agent for ink makers only. Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.

**Hypromatic**—Rotary and flat-bed presses for offset, dry offset, aniline, rotogravure printing. Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

**Hypro-slit**—Slitters and rewinders. Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

**Hyroto**—Color rotogravure presses, coating and laminating machines, waxing machines. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

**Hytin**—For maintaining type metal at formula. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

## I

**Ideal**—An endless saw belt for Junior Autoplate machine. United Stereotype Supply Corp., P.O. Box 38, W. Lynn, Mass.

**Ideal**—Box stitchers. Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Ideal**—Circular saws. John Royle & Sons, 10 Essex St., Paterson 3, N. J.

**Ideal**—Curved plate routing and matrix rolling machines. Walter Scott & Co., Inc., 525 South Ave., Plainfield, N. J.

**Ideal**—Form trucks. H. B. Rouse & Co., 2214 N. Wayne Ave., Chicago 14, Ill.

**Ideal**—Stereotype bakelite molding board. Coyne & Paddock, Inc., 40-09 21st St., Long Island City 1, N. Y.

**Ideal Best-Test**—Dispensers. Union Rubber & Asbestos Co., 232 Allen St., Trenton, N. J.

**Ideal Rollers**—Vulcanized oil rollers for typographic distributors, proof, photoengravers, hand rollers and lithographic press rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

**Illinois**—Zinc offset plates. Illinois Zinc Co., 2959 W. 47th St., Chicago 32, Ill.

**Imperial**—Line and typesetting machine metal, stereotype and electrotype metal. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

**Imperial**—Polished zinc plates for photoengraving. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

**Imperial** — Stereotype molding creeper. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

**Imperial**—Water fountain solution concentrate. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

**Imprestomat**—Cold molding mat for color, job, magazine work. Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.

**Improved Satisfaction**—Drawsheet 0.024 in. gauge. Coated with Cavalprene on a fabric that has been impregnated with Neoprene. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

**Impsco**—Humidifier. Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y.

**Inc-O-Ink** — Printing and lithographing inks. The Inco Company, 2372 W. Seventh St., Cleveland 13, O.

**Inc-O-Lin** — Reducer. The Inco Company, 2372 W. Seventh St., Cleveland 13, O.

**Inco-Solvent** — Type cleaner and roller wash. The Inco Company, 2372 W. Seventh St., Cleveland 13, O.

**Inc-O-Wax** — Wax compound for process inks. The Inco Company, 2372 W. Seventh St., Cleveland 13, O.

**Indian**—Remelt furnace, continuous operation. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

**Indian Head Copper** — Copper plates for photoengraving. Atlantic Zinc Works, Inc., and Rolled Plate Metal Co., 210 Van Brunt St., Brooklyn 31, N. Y.

**Inkmaster**—Typograph vulcanized oil distributors. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

**Inkote**—Prevents skinning of ink. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

**Insta-Lith**—Offset ink. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

**Insurance Policy Black** — Bond printing ink. Fred'k H. Levey Co., Inc., Printing Ink Div., 380 Madison Ave., New York 17, N. Y.

**In-tag**—Intaglio or gravure inks, overprint lacquer. In-tag Div., Interchemical Corp., 67 W. 44th St., New York 36, N. Y.

**International** — Halftone screens. Moore Laboratories, 70 W. Montcalm Ave., Detroit 1, Mich.

**Intertype** — Linecasting machines. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.

**Invis-O**—Process binding. Sloves Mechanical Binding Co., 601 W. 26th St., New York 13, N. Y.

**Ionostat**—Instrument for determining existence of static and for measuring the degree. United States Radium Corp., Morristown, N. J.

**Ionotron Static Eliminator**—Static eliminating device for printing machinery. United States Radium Corp., Morristown, N. J.

**IPI**—Typographic and offset inks. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

**IRC**—Printing rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

**Iron Fireman** — Automatic coal burners for metal furnaces. Iron Fireman Mfg. Co., 3170 W. 106th St., Cleveland 11, O.

**Ironsides**—Tympan paper. Cromwell Paper Co., 4801 Whipple St., Chicago 32, Ill.

**I. S.** — Jogging machine. Ilya Scheinker, 35 Great Jones St., New York 12, N. Y.

**Isolith**—Offset press with refrigerated cylinder. Miehle Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

## J

**JPS**—Ball bearing pillow blocks. Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

**Jack Lift** — Multiple stroke mechanical lift trucks. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

**Jacques**—Slitter and rewinder and hand and power shears. Hobbs Mfg. Co., 26 Salisbury St., Worcester 5, Mass.

**Jampol** — Conveyors, drops and tables. Jampol Corporation, 728—61st St., Brooklyn 20, N. Y.

**JCM** — One-time carbon binding machine and collating machines. J. Curry Mendes Corp., New Bedford Industrial Park, New Bedford, Mass.

**Jellitac**—Wheat paste. Arthur S. Hoyt Co., Inc., 20 Jerusalem Ave., Hicksville, L. I., N. Y.

**Jet-Grease**—Aerosol lubricant. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

**JGP**—Deep-etch chemicals. Jones Graphic Products Co., 320 Broadway, S.E., Albuquerque, N. M.

**Jiffy** — Padding press. Gibson Specialties, 6333 S. Ashland Ave., Chicago 36, Ill.

**Jiffy** — Surface plate developing ink. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

**JogAway**—Paper jogging machine. The M. L. Abrams Co., 1841 Prospect Ave., Cleveland 15, O.

**Johne Continuous**—Automatic 3-knife trimmer. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Johnson**—Padding compound and glue. Wm. R. Johnson Co., Inc., 3131 Western Ave., Seattle 1, Wash.

**Johnson Perfection** — Gas burner sheet heater. J. E. Doyle Co., 1220 W. 6th St., Cleveland 13, O.

**Jomac** — Offset dampener roller cleaner and dryer; roller coater. Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.

**Jones**—Automatic press web tension governor. Walter Scott & Co., Inc., 525 South Ave., Plainfield, N. J.

**Jordan Feeder**—Feeds metal into line and typesetting machines and lead and rule casters on continuous chain. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

**Jubilee** — Etching machine. Axel Holmstrom Etching Machines, 2555 Carpenter St., Philadelphia 46, Pa.

**Junior** — Lead and rule cutter. Craftsmen Machinery Co., 75 W. Dedham St., Boston 10, Mass.

**Junior and Senior** — Stereotype matrix sealing tape moistener. United Stereotype Supply Corp., P. O. Box 38, W. Lynn, Mass.

**Justowriter**—Machine for typing copy for photo-offset reproduction from a strip of perforated tape. Friden, Incorporated, San Leandro, Calif.

**Justrite** — Non-explosive safety benzine cans, and oily waste cans. Justrite Mfg. Co., 2061 Southport Ave., Chicago 14, Ill.

## K

**K & B**—Box, carton, package and paper finishing machinery. M. D. Knowlton & Co., 28 Industrial St., Rochester 14, N. Y.

**Kast**—Collating and gathering machine. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Kelly** — Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Kelly Kurve**—Oiled and unoiled tympan paper for all job cylinder and other presses. Triplet Gauge, 14 Vandewater St., New York 38, N. Y.

**Kelsey**—Small hand and motor operated platen presses. W. A. Kelsey Co., 45 Crown St., Meriden, Conn.

**Kem-Lon**—Wipe-on surface plate chemicals. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

**Kemp**—Immersion melting system for stereotyping. C. M. Kemp Mfg. Co., 405 E. Oliver St., Baltimore 2, Md.

**Kenro** — Graphic Arts. process, photocopy, and xerographic cameras. Kenro Graphics, Inc., 25 Commerce St., Chatham, N. J.

**Kensol**—Gold stamping and embossing press. OlsenMark Corporation, 124 White St., New York 13, N. Y.

**Kidde**—Fire prevention and burglar alarm equipment. Walter Kidde & Co., Inc., 657 Main St., Belleville 9, N. J.

**Kidder**—Straight and interchangeable cylinder rotary letterpress rubber plate presses. Kidder Press Co., 121 Broadway, Dover, N. H.

**King**—Press. The Kelsey Co., 45 Crown St., Meriden, Conn.

**KleanKarbon**—Carbon papers. General Manifold & Printing Co., Franklin, Pa.

○**Klean Quick**—Press washup compound. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

**Kleen Cut**—Rubber and linoleum mounting blocks, cutter sticks, reglets and furniture, cherry and basswood mounting blocking. Irwin Manufacturing Co., Inc., Main St., Garland, Pa.

**Kleen-Stik**—An all-over gummed stock. Kleen-Stik Products, Inc., 7300 W. Wilson Ave., Chicago, Ill.

○**Kleenwell** — Cleaner for matrices. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

○**Kluge**—Automatic feeder and automatic platen press. Brandtjen and Kluge, Inc., 653 Gaultier, St. Paul 3, Minn.

**Kni**—Offset plate wax to sharpen and increase life of offset plates. Bowers Printing Ink Co., 2655 W. Irving Park Blvd., Chicago 18, Ill.

**Knoxall** — Press blankets, roller covering. Edward H. Best & Co., P.O. Box 1752, Boston 5, Mass.

**Kodachrome**—Direct color photographic film for making process plates. Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

**Kodagraph** — Films and plates. Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

**Kodalith** — Transparent stripping film. Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

**Kohler** — System for magazine reels, web tension, flying pasters, transfer table, paper roll dollies and truck, splicing compound, unwinding stands, rewinding stands. Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.

○**Koprcote**—Hot top enamel. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

○**Kopr-Matic** — Powderless copper etching machine. Chemco Photoproducts Co., Inc., Glen Cove, N. Y.

○**Kopr-Top**—Hot top enamel. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

**Korfund Vibration Isolators**—For isolating stationary machinery against vibration and noise. Korfund Co., Inc., 48-15 32nd Pl., Long Island City 1, N. Y.

○**Korker**—Firm underpacking blanket for rotary newspaper presses. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

**Koroseal**—Plastic. B. F. Goodrich Industrial Products Co., 500 S. Main St., Akron 18, O.

**Kotavachrome Professional Prints**—Made from Kodachrome professional film transparencies. Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

**Kreonite**—Fibre glass sinks and trays for platemakers. Kreonite, Incorporated, 1532 Barwise, Wichita 4, Kan.

**Kromo-Lite**—A process for treating copy for automatically dropping out highlights from wash drawings in photoengraving and offset halftone negatives. Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y.

**Kuvaroll**—Seamless cloth covered rollers. Wm. C. Hart Co., 137 Greene St., New York 12, N. Y.

**Kwic-Klean**—Matrix reference rubber. Joseph Dixon Crucible Co., 167 Wayne St., Jersey City 3, N. J.

○**Kwikplate** — Vacuum printing frame for use with pre-sensitized plates. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

## L

**Lacey-Luci**—Camera for making line and halftone negatives, silk screen positives, photo copies and burning-in paper, plastic and aluminum offset plates. Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.

**Lake Erie Acraplates** — Molded rubber printing plates and resinous matrices. Lake Erie Machinery Corp., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.

**Lamson**—Ink and overlay knives, makeready knives. Lamson & Goodnow Mfg Co., Shelburne Falls, Mass.

○**Langitex 9000** — Cork molders. American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass.

**Lanston** — Typecasting machines, photocomposing machines, engraving, offset, gravure and silk screen machines and equipment. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**Lanston M-H**—Vertical step and repeat machine. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**Latham Monitor**—Wire stitching machines. Bostitch, Inc., East Greenwich, R. I.

**Laureate**—Platen printing presses. Thomson-National Press Co., Dean Ave., Franklin, Mass.

**Lawson**—Power driven silk screen press. Lawson Printing Machine Co., 4453 Olive St., St. Louis 8, Mo.

**Lawson**—Autospacer cutters, feed trimmers, book trimmers, grinding machines, paper cutters, mill trimmers, paper drills and slotters. The Lawson Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

○**Leader**—Cork molders. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

○**Leak-Proof**—Ink fountain divider. Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.

**Leedal** — Stainless steel sinks, trays, tables and cabinets for Graphic Arts use. Leedal, Incorporated, 2929 S. Halsted St., Chicago 8, Ill.

○**Legibility Group**—A group of type faces designed for extra legibility for use in publication work. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Lens-O-Matic**—Automatic halftone exposure control which automatically and gradually closes a diaphragm blending the various tones, highlight, middletone and shadows. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**LePage's**—Flexible glue and cold padding compound. Permacel Incorporated, U. S. Highway No. 1, New Brunswick, N. J.

**Leslie**—Paper conditioner. Tompkins Printing Equipment Co., 712 S. Clark St., Chicago 5, Ill.

**Levelators** — Hydraulic lift for elimination of ramps and for use where vertical movement is required. Rotary Lift Co., Div. Dover Corp., 1054 Kansas St., Memphis 2, Tenn.

○**Lever**—Numbering machines. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

**Levey**—Bi-metallic offset plates and chemicals, driers, web offset and rubber plate presses. Fred'k H. Levey Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.

**Levey**—Stainless steel offset plates. Fred'k H. Levey Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.

**Levy**—Screens for photoengraving, offset and rotogravure. Max Levy & Co., Wayne Ave. & Berkley St., Philadelphia 44, Pa.

**Lewis**—Etching press for making etching reproductions. Embosograf Corp. of America, 38 W. 21st St., New York 10, N. Y.

**Lexide**—Cover material. Latex Fiber Industries, Inc., Beaver Falls, N. Y.

○**Light Aligner**—Device aiding lineup work. Hamilton Mfg. Co., 1316—18th St., Two Rivers, Wis.

**Limited**—Mechanical binding. General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill.

**Lightning**—Dryer compound. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Lightning Set**—Compound. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Lindol**—Tricresyl, phosphate plasticizer, ingredient for high pressure lubricants, ingredients for coating fabrics and papers. Celanese Corp., 180 Madison Ave., New York 16, N. Y.

**LineR-Grips** — Striplike material for locking in forms between type and chase. C. R. Greene Printing Co., 115 N. Fourth St., Tipp City 1, O.

○**Link-Belt** — Conveying, elevating and power transmission chains and machinery. Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

○**Linofilm**—Photographic line typesetting machine. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Linolamp**—Fluorescent lamp for linecasting machine operators. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Linolite**—Linolite magazine. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Linopress**—Imprinting press. The Deskfinder Company, P.O. Box 377, Costa Mesa 1, Calif.

**Lino-Saw** — Saw attachment for linecasting machines. Mohr Lino-Saw Co., 8015 N. Ridgeway Ave., Skokie, Ill.

**Lino-Slug**—Routers which decrease the height of non-printing parts of slugs when they take ink from rollers and cause smear on paper. Margach Manufacturing Co., Inc., 47 Wooster St., New York 13, N. Y.

○**Lino-Therm** — Tubular immersion type Linotype electric metal pot heaters. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Linotape Dri-Stain Process**—Process for making linecomposing machine matrix reference characters easily readable. Dri-Stain Products Co., 3421 Colfax Ave. A, Denver 6, Colo.

○**Linotype** — Composing machine. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Lite-Base**—Precision base. Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

**Lithalum**—Metallic finish inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Lithengrave** — Offset plate (bimetal). Printing Developments, Inc., Sub. of Time, Inc., 9 Rockefeller Plaza, New York 20, N. Y.

**Lith-Kem-Ko** — Deep-etch offset platemaking chemicals. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, L. I., N. Y.

**Lith-Kem-Kote** — Surface plate etch. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, L. I., N. Y.

**Lith-Kem-Kote "N"**—Offset surface plate coating. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, L. I., N. Y.

**Litho** — Transparent photographic medium for all types of reproduction processes. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

**Lithocraft** — Oil-resisting rubber rollers for lithographic presses. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

**Litho Damps**—Synthetic lithographic dampening rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

○**Lithoday**—Offset inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

○**Lithogem**—Offset inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

○**Lithoiastic**—Rollers for offset and lithographic presses. Reeves Brothers Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y.

**Lithomatic**—Offset press. Banthin Engineering Co., 1849 Main St., Bridgeport 4, Conn.

**Litho-perf** — Flexible steel band with cutting teeth for perforating on an offset press. H. S. Boyd Co., 6914 E. 14th St., Tulsa, Okla.

**Lithoprint**—Rubber or synthetic rubber composition for offset presses. Sam'l Bingham's Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

**Litho-Snap** — Flexible strip for snap-out perforating on an offset press. H. S. Boyd Co., 6915 E. 14th St., Tulsa, Okla.

**Litho-score** — Flexible strip with creasing edge for use on offset presses. H. S. Boyd Co., 6915 E. 14th St., Tulsa, Okla.

○**Litho Solvent**—Roller and blanket press wash. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

**Lithotine**—Turpentine substitute. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Lithox** — Quick-drying offset-lith-ink, paper and metal. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

**Lithure**—Offset plates (tri-metal). Printing Developments Inc., Sub. of Time, Inc., 9 Rockefeller Plaza, New York 20, N. Y.

**Lithwash**—Offset blanket and roller wash. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

**Little Chief**—A type metal remelting furnace. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

○**Little Giant**—High speed letterpress machine. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○**Little Giant** — Folding machine. Russell Ernest Baum, Inc., 1540 Wood St., Philadelphia 2, Pa.

**Little Giant**—Tork clocks. Tork Time Controls, Inc., 11 Grove St., Mt. Vernon, N. Y.

**Little Lifter** — Electric portable elevator. Economy Engineering Co., 4511 W. Lake St., Chicago 24, Ill.

**LNF**—Bond and cover inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Load Master** — Arc-welded steel storage racks for drums, barrels, etc. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

**Localities** — Localized lighting units. Fostoria Pressed Steel Corp., 1200 N. Main St., Fostoria, O.

**Lock Pawl Equipped**—Typographic numbering machines. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

○**Lock Wheel** — Typographic numbering machines. Wetter Numbering Machine Co., Atlantic Ave. & Logan St., Brooklyn 8, N. Y.

**Log-Etronic**—Enlarging and contact printing equipment with automatic masking and exposure control. LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va.

**Lone Star**—Metal remelting furnace. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

**Lox-All**—Waterproof cement. Lox Mfg. Co., 3310 E. 31st St., Kansas City 28, Mo.

**Lox-Seal**—Cut cement. Lox Mfg. Co., 3310 E. 31st St., Kansas City 28, Mo.

**Lubrihide** — Connecting pins for tape and belt joints. Clipper Belt Lacer Co., 974 Front Ave., N.W., Grand Rapids 2, Mich.

**Lubriplate**—Lubricants for lubrication of printing machinery of all kinds. Lubriplate Div., Fiske Bros. Refining Co., 129 Lockwood St., Newark 5, N. J.

**Lubrix** — Prevents line-casting mouthpiece from clogging and plunger from sticking. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

**Ludlow**—System of hand-set, slug-cast job and display composition, slug shear, slug surfacing machine. Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.

**Ludwick**—Induction electric metal pot, metal feeder and thermostat for composing machines. Electric Heating Co., 8616 Madison Ave., South Gate, Calif.

**Lumalith** — Metallic finish ink. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Lumarith**—Cellulose acetate plastic material in sheets; rods, tubes and rolls; molding powders. Celanese Corp., 180 Madison Ave., New York 18, N. Y.

**Lumarith Protectoid** — Cellulose acetate transparent packaging and laminating materials in rolls, cut-to-size sheets, stock size sheets. Celanese Corp., 180 Madison Ave., New York 18, N. Y.

**Lustro**—Glossy letterpress inks. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

**Luxometer**—Light integrator. Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.

## M

**McAdams**—Pen and disc ruling machines, paging and numbering machines, imprinting press, folding machines, inserters. John McAdams & Sons, Inc., 20 Knight St., Norwalk, Conn.

**Macbeth** — Color matching lamp and booth; inspection lamps; densitometers. Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y.

**Macbeth**—Color fastness to light testing machine. Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.

**Macbeth** — Constantarc constant color and intensity motor-controlled arc lamps. Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.

**Macbeth Airflow** — Enclosed arc lamps for air conditioned plants. Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.

**Macbeth Photoarc** — For vacuum frame and photocomposing machine use. Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.

**Macey** — Automatic collating and stitching machines. Macey Company, Sub. of Harris-Intertype Corp., 13835 Enterprise Ave., Cleveland 35, O.

**Maceymatic** — Collating machine. Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.

**Magic** — Type and roller wash; offset blanket wash. Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.

**Magic Wand** — Static neutralizer bar. Herman H. Sticht Co., Inc., 27 Park Pl., New York 7, N. Y.

**Magnastep**—Step and repeat machine and vacuum frame. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**Magplate** — Magnesium photoengraving plate metal and backup plates and saddles. Brooks & Perkins, Inc., Magplate Div., 1950 W. Fort St., Detroit 16, Mich.

**Malloy Metal** — Photoengravers' zinc alloy plates. Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. Y.

**Mal-mar** — Bookbinding adhesive. Merritt Products Co., 1747 Chester Ave., Cleveland 14, O.

**Mamco**—Overlapping sheet deliveries, sheet counting and pile tagging devices, sheet inspection equipment, sheet pilers and joggers, paper sheet size tester. Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.

**Mamco** — Electric drying equipment for flexographic inks. Master Appliance Corp., 1745 Flett Ave., Racine, Wis.

**Mammoth**—Iron furniture. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

**M&L**—Plate mounting base. M & L Typesetting & Electrotyping Co., 4001 Ravenswood Ave., Chicago 13, Ill.

**Marathon**—24 in. roll film cambelts. Manhattan Rubber Mfg. Div. of Raybestos-Manhattan, Inc., Passaic, N. J.

**Mann** — Sheet fed offset presses and perforators. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**Marathon** — Metal for long run stereo plates. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

**Marathon**—24 in. roll film camera. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

**Margach**—Feeder for Linotype, Intertype, Monotype, Ludlow, Elrod machines. Margach Manufacturing Co., Inc., 47 Wooster St., New York 13, N. Y.

**Markem**—Presses for printing and imprinting odd sized objects. Markem Machine Co., 50 Congress St., Keene, N. H.

**Markocoder**—Conveyor attachment for code dating bottoms of jars, cans, etc. Adolph Gottscho, Inc., 6 Evans Terminal, Hillside 5, N. J.

**Markoprinter** — Printing machine for printing cases, boxes and cartons. Adolph Gottscho, Inc., 6 Evans Terminal, Hillside 5, N. J.

**Maria**—Open gear spray lubricant, spray anti-skinning agent for ink. Rothlan Corporation, P.O. Box 5074, St. Louis 15, Mo.

**Markwell**—Stapling and stitching machines and wire; stencil and marking supplies. Markwell Manufacturing Co., Inc., 200 Hudson St., New York 13, N. Y.

**Martin**—Semi-automatic roll wrapping machine for magazines or newspapers; automatic double fold wrapping and label addressing machine for newspapers. L. C. Martin & Associates, 302 Crestwood Village, Northfield, Ill.

**Master**—Automatic folding machine. Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.

**Master**—Band saw. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

**Master** — Aniline press. Kidder Press Co., Dover, N. H.

**Master**—Engraved steel and copper embossing rolls. Stone, Thos. and Geo. M., Inc., 1413 Chestnut Ave., Hillside 5, N. J.

**Master** — Etching machines for photoengraving. Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.

**Master**—Hydraulic embossing machines. Stone, Thos. and Geo. M., Inc., 1413 Chestnut Ave., Hillside 5, N. J.

**Master Flong**—Packless stereotype mat. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

**Master Former**—Newspaper page mat forming and drying machine. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

**Master Jack Lift** — Lift truck. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

**Masterlith**—Vulcanized oil litho rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

**Master Matcher**—Color comparator and registering machine for stereotype color mats. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

**Master Model**—Single distributor Blue Streak Linotype. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Mastercraft**—Line of offset platemaking equipment. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**Masterpiece**—Cork molding creeper. Coyne & Paddock, Inc., 40-09 21st St., Long Island City 1, N. Y.

**Master Rotary Shaver**—For shaving stereotype printing plates to uniform thickness. Monomelt Co., 1611 Polk St., N.E., Minneapolis 13, Minn.

**Master Router** — John Royle & Sons, 10 Essex St., Paterson 3, N. J.

**Master Router**—Curved newspaper page plate routing machine. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

**Master Trimmer** — Newspaper curved mat registering and trimming machine. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

**Match-Box**—Kit for matching colors and making small quantities of ink. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

**Material Maker**—Monotype casting machine which makes strip materials such as leads, slugs, rules and borders. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**Mat Master**—Centrifugal scorcher. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

**Mat-Pak** — Packless stereo mat backing material. Kimberly-Clark Corp., Neenah, Wis.

**Matri-Chek**—Automatic matrix inspection machine. Quality Control Corp., Automation Div., 401 Broadway, New York 13, N. Y.

**Matri-Swage** — Semi-automatic matrix repair machine. Quality Control Corp., Automation Div., 401 Broadway, New York 13, N. Y.

**Matrix Contrast Service**—Provides continuous maintenance of Black and White and other contrasts on linecasting machine reference marks. Matrix Contrast Corp., 154 W. 14th St., New York 11, N. Y.

**Matrisil**—Linecasting machine mold lubricant. Matrix Contrast Corp., 154 W. 14th St., New York 11, N. Y.

**MCB**—Electric temperature control for heating apparatus of Linotype, Intertype and Monotype machines. Partlow Corp., 2 Campion Rd., New Hartford, N. Y.

**MCR**—Model for gas heated Linotype, Intertype and Monotype machines. Partlow Corp., 2 Campion Rd., New Hartford, N. Y.

**M-D All-Metal**—Precision camera. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**M-D Offset Color Proofing Press**—Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**M-D Simplex** — Photo-composing machine for offset lithography. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**Megill**—Spring tongue and double grip gauge pins. E. L. Megill Co., 763 Atlantic Ave., Brooklyn 17, N. Y.

**Meltevator**—Dumping mechanism for charging metal remelting furnaces. Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.

**Memco**—Embossing rolls and equipment. Stone, Thos. and Geo. M., Inc., 1413 Chestnut Ave., Hillside 5, N. J.

**Merchant**—Slitter. Kidder Press Co., Dover, N. H.

**Mercury** — Cooper Hewitt lamps. General Electric Co., 1 River Rd., Schenectady 5, N. Y.

**Mercury** — Composing room saw-trimmer. Hammond Machinery Builders, Inc., 1603 Douglas Ave., Kalamazoo 54, Mich.

**Mercury**—Lift trucks and hand-operated fork trucks. Mercury Mfg. Co., 4710 W. Division St., Chicago, Ill.

**Mercury**—Offset, lithograph rollers, ebonite rollers, newspaper rollers, typographical rollers of all kinds, varnish rollers, lacquer rollers, rubber rollers of all kinds, offset, lithograph blankets. Rapid Roller Co., 2558 S. Federal St., Chicago 16, Ill.

**Mercury-Lith**—Blankets and rollers for multilith. Rapid Roller Co., 2558 S. Federal St., Chicago 16, Ill.

**Merit-Pad**—Tabbing and padding adhesive. Merritt Products Co., 1747 Chester Ave., Cleveland 14, O.

**Metalak**—Silver offset ink. Pope & Gray, Inc., 17 Industrial West, Allwood, Clifton, N. J.

**Meteor**—Moisture set inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

**Meteorite**—Vertical copy camera. Robertson Photo-Mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

**Metl-Off**—Carbide tipped blades. Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.

**Metropolitan** — Stereotype cork molders. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

**Meyers**—Self-adjusting roller backer for book back forming. Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

**M-H** — Photo-imposing system. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**M-H**—Trade name designation applied to offset-lith plate making equipment. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**M-H Overhead Focusing**—Camera. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**M-H Universal Process** — Photo-imposing machine. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**M-H Vertical** — Photo-imposing machine. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**M-H Vertical**—Plate coating machine. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**Mica Composition** — Special glue and glycerin printers' roller. Sam'l Bingham's Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

**Mick**—Paper drills. Walter K. Mick Co., 500 Robert St., St. Paul 1, Minn.

**Microfyne** — Microscopically powdered graphite for lubricating purposes. Joseph Dixon Crucible Co., 167 Wayne St., Jersey City 3, N. J.

**Micro-Metal**—Engraving zinc alloy. Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. Y.

**Micro-Mix**—Chemical additive for photoengravers etching bath for powderless etching of zinc. Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. Y.

**Micro-Ply** — Engravers' mounting wood. Gulf Laminates, Inc., Picayune, Miss.

**Microstat**—Electric metal pot temperature control. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

**Micro-Therm**—An electric metal melting system for metal pots on the Linotype. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Midget** — Static eliminator and metal-encased static bars. The Simco Company, 920 Walnut St., Lansdale, Pa.

**Mid-States**—Flat gummed papers, white and colors, waterproof gummed paper. Mid-States Gummed Paper Co., 6850 S. Harlem Ave., Bedford Park, Ill.

**Miehle**—Sheet-fed printing presses, two-revolution flatbeds, offset and cutting and creasing presses. The Miehle Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Mikah**—Flexible glues, glues and pastes, makeready paste and padding compound. National Adhesives, Div. National Starch Products, 270 Madison Ave., New York 16, N. Y.

**Miller**—Cutter and creasers and automatic cylinder presses, multi-pile delivery (double delivery for all Miller automatics), two-color automatic cylinder press, offset presses. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

**Millsap** — List press. Chauncey Wing's Sons, 78 Pierce St., Greenfield, Mass.

**Milwaukee Anilin** — Four-color printing press. C. B. Henschel Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis.

**Minden Paper Testing Instruments**—Thickness gauge and bursting strength. Minden Paper Gauge Co., 230 W. 41st St., New York 36, N. Y.

**Minnich** — Waste paper baling presses. Minnich Machine Works, Inc., 1607 Ridgley St., Baltimore 30, Md.

**Mobilizer**—Offset work organizer and storage cabinet. Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.

**Model B**—Folding machine. The Dexter Co., Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Model 40**—A temperature control for stereotype and remelting furnaces. Partlow Corp., 2 Campion Rd., New Hartford, N. Y.

**Model 100** — Electrically heated steam vulcanizers. Chas. K. Schweizer Co., 231 Russell Ave., St. Louis 4, Mo.

**Model 136**—A temperature control for all gas heated composing machines. Partlow Corp., 2 Campion Rd., New Hartford, N. Y.

**Model 200** — Electrically heated steam vulcanizers. Chas. K. Schweizer Co., 231 Russell Ave., St. Louis 4, Mo.

**Model W**—Folding machine. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Modern**—Die stamping press. The Cronite Co., North Bergen, N. J.

**Modi-Circle** — Photolettering machine. Modi-Graphic Inc., 215 E. Ninth St., Cincinnati 2, O.

**Mohr** — Automatic slug saw for attachment to Linotype and Intertypes. Mohr Lino-Saw Co., 8015 N. Ridgeway Ave., Skokie, Ill.

**Monarch**—Cork creeper for stereotype molding. United Stereotype Supply Corp., P.O. Box 38, W. Lynn, Mass.

**Monarch II**—Roller bearing matrix roller. R. Hoe & Co., Inc., 910 E. 138th St., New York 54, N. Y.

**Monoaqua**—Water cooler for typesetting machine molds. Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.

**Monomelt Dross Sifter**—Sifts type metal dross. Monomelt Co., Inc., 1611 Polk St., N.E., Minneapolis 13, Minn.

**Monomelt**—System of single melting and direct feeding of molten metal, dross sifter, metal furniture for kill out and storage. Monomelt Co., Inc., 1611 Polk St., N.E., Minneapolis 13, Minn.

**Monopack** — Packless stereotype mat backing. The Stereotex Co., Newburyport, Mass.

**Monophoto**—Phototypesetting machine. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**Monotype** — Typesetting machines, type-and-rule casters, material making machines, Giant casters and Thompson typecasters. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**Monotype-Thompson** — Typecaster. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

**Montco**—Linotype mold disks, rebuilt Linotype magazines, linecasting machine parts and supplies. Montgomery Company, Inc., Pratt Ave., P.O. Box 309, Towanda, Pa.

**Morr-Glos**—Inks. Geo. H. Morrill Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Morrison**—Book and box stitchers and bookbinding machinery. Acme Steel Co., 135th St. & Perry Ave., Chicago 27, Ill.

**Morrison**—Composing room sawtrimmers and slug stripper. The Morrison Co., 125 W. Melvina St., Milwaukee 12, Wis.

**Morrison**—Printing inks. Morrison Printing Ink Co., 1051 Power Ave., Cleveland 14, O.

**Morrow-Stevens** — Wrapping and sealing machines for packaging plain and printed sheet stock. Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.

**Mort**—Dampener cleaner for offset-lith presses. Ralph H. Mort Co., 102 N.W. Ninth Ave., Portland 9, Ore.

**Morton**—Lock-ups. Samuel Stephens & Wickersham Quoin Co., 174 High St., Boston 10, Mass.

**Mosstype** — Rubber curved plate mounting and proving machine. Mosstype Corporation, 150 Franklin Turnpike, Waldwick N. J.

**M-S Solvent** — Press roller and blanket wash. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

**Mullen**—Paper tester. B. F. Perkins & Son, Inc., Holyoke, Mass.

**Multi** — Process inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Multicount**—A predetermined electronic counter for automatic machines. Unitronics, Inc., 472 Paul Ave., St. Louis 21, Mo.

**Multi-Converter** — Roll-feed high speed platen presses. Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.

**Multiform**—Bench mortiser. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

**Multiform** — Radial routers for composing, stereo and photoengraving departments. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

**Multiform**—Saws, benders, cutters, creasers. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

**Multigraph** — Multiple typewriting and office duplicating machines. Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.

**Multi-Line**—Hot stamping press. Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa.

**Multilith**—Offset press. Addressograph - Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.

**Multimaster** — Hectograph carbon sets. General Manifold & Printing Co., Franklin, Pa.

**Multi-Pile**—Delivery for all Miller automatic cylinder presses. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

**Multipress**—Press for envelopes, tag and booklet printing. B. Verner & Co., Inc., 52 Duane St., New York 7, N. Y.

**Multitite**—Scratchproof inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Multi-Unit** — Rotary newspaper presses. Walter Scott & Co., Inc., 525 South Ave., Plainfield, N. J.

**Mustang**—Mailers and galleys for addressing newspapers. Pavyer Printing Machine Works, 600 S. Broadway, St. Louis 2, Mo.

**Mylar** — Polyeter film base for pressure sensitive tapes. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

## N

**Nashua**—Gummed two sides paper tape for mounting cuts. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass. Mfd. by Nashua Gummed & Coated Paper Co., 44 Franklin St., Nashua, N. H.

**National**—Adhesives. National Adhesives, Div. National Starch Products, 750 Third Ave., New York, N. Y.

**National**—Baling machines. National Baling Press & Equipment Co., 1071 E. 48th St., Brooklyn 34, N. Y.

**National**—Numbering machine. Altair Machinery Corp., 55 Vandam St., New York 13, N. Y.

**National**—Wire stitching machines. Gitzendanner - Muller Co., 15 Vandewater St., New York 38, N. Y.

**Natsco** — Copper photoengravers' plates. National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.

**Naz-Dar**—Silk screen equipment and supplies. Naz-Dar Co., 461 Milwaukee Ave., Chicago 10, Ill.

**N-D**—Single spindle drill with one finger shift. Nygren-Dahly Co., 1422 W. Altgeld St., Chicago 14, Ill.

**Neoprene**—A rubber-like material used in the manufacture of printing rollers and offset press blankets. E. I. du Pont de Nemours & Co., Inc., corner Tenth and Market Sts., Wilmington 98, Del.

**Neutro-Stat** — Anti-static spray. The Simco Company, 920 Walnut St., Lansdale, Pa.

**New Economy** — Band saw for small plants. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

**New England Fibre Blanket** — Press blankets. New England Newspaper Supply Co., 164 Fremont St., Worcester 3, Mass.

**New Era**—Flatbed roll-feed letterpresses. New Era Mfg. Co., 375 —11th Ave., Paterson 4, N. J.

**New Model** — Foot-power vertical perforator, hand perforator. F. P. Rosback Co., Benton Harbor, Mich.

**News-Ox** — Synthetic faced soft newspaper roller for flatbed presses. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

**New Star Black**—Letterpress nonscratch ink of unusually high color strength. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

**19 x 25 SG** — Automatic cylinder letterpress. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

**9400**—Vinylite plastic plate powder. Williamson & Co., Caldwell, N. J.

**Nolan**—Casting boxes, proof presses, routers, saws. Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.

**No Mar**—Oakleaf wiping towels. Canaway Mills, 295 Fifth Ave., New York 16, N. Y.

**No-Pac**—Packless stereotype mat. Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.

**Non-Blocking**—A gummed paper. Dennison Mfg. Co., 300 Howard St., Framingham, Mass.

**Nonpareil** — Linotype, monotype, stereotype, electrotype and toner metal; metal flux; dross reducer. Theo. Hiertz Metal Co., 8011 Alaska Ave., St. Louis 11, Mo.

**Nonpareil**—A composing stick. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

**Nonpareil**—Typographic numbering machine. Wetter Numbering Machine Co., Atlantic Ave. and Logan St., Brooklyn 8, N. Y.

**Non-Pareil**—Mono metal. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

**Non-Scratch** — A letterpress ink. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

**Non-Slip**—Press floors (iron and steel proof). Jampol Corporation, 728 61st St., Brooklyn 20, N. Y.

**Nonspot**—Reflectors as opposed to light-concentrating. Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.

**Non-Tox**—Offset press water fountain solution. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

**Non-Work-Up Fluid** — Prevents workups of Monotype, leads and slugs. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

**No Pak**—Packless stereotype mat. Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.

**Norma-Hoffman** — Precision ball, roller and thrust bearings. Norma - Hoffman Bearings Corp., Stamford, Conn.

**Norman**—Safety roll paper hand truck. William A. Norman, 1133 E. 63rd St., Chicago 37, Ill.

**North American Woodsman**—Carbide tipped saws, knives and cutters. North American Products Corp., 707 Bartley St., Jasper, Ind.

**No-Stretch**—Rubber mat creeper. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

**Novak**—Belt copy conveyor system. The Novak Company, Inc., 118 Waynewood Park, Plainfield, N. J.

**nuArc** — Arc lamps, vacuum frames, vacuum blankets, light tables. nuArc Company, Inc., 4110 W. Grand Ave., Chicago 51, Ill.

**Nucote Black**—Letterpress ink for machine coated papers. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

**Nu-Film** — Silk screen stencil sheets. Nu-Film Products Co., Inc., 56 W. 22nd St., New York 10, N. Y.

**No. 501** — Soft cork stereotype molding blanket. Coyne & Paddock, Inc., 40-09 21st St., Long Island City 1, N. Y.

**No. 635**—Powdered graphite for lubricating purposes, especially composing machines. Joseph Dixon Crucible Co., 167 Wayne St., Jersey City 3, N. J.

**No. 909** — Numbering machine cleaner. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

**Numberama** — Typographic numbering machine. American Numbering Machine Co., Atlantic and Shepherd Aves., Brooklyn 8, N. Y.

**Nu-Plast**—Plastic mechanical binding. General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill.

**Nu-Tex** — Newspaper dry mats. Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.

**Nutran**—Retouching products for lithographers and engravers; plastic sheets; plexiglas trays. Henry P. Korn Associated Inc., 5 Beekman St., New York 38, N. Y.

## O

**Offenair** — Air conditioning, ventilating and drying system. B. Offen & Co., 168 No. Michigan Ave., Chicago 1, Ill.

**Office Collator** — Automatic collator. J. Curry Mendes Corp., New Bedford Industrial Park, New Bedford, Mass.

**Ohio**—Printers' composition rollers, varnish graining, lacquer and non-melt. Ohio Roller Co., 4408 Detroit Ave., Cleveland 13, O.

**Oildraulic**—Elevator and stationary industrial lifts. Rotary Lift Co., Div. Dover Corp., 1054 Kansas St., Memphis 2, Tenn.

**OK Black Arrow**—Paper trimming knives. Ohio Knife Co., B. & O. Ry. & Dreman Ave., Cincinnati 23, O.

**Olsen**—Mechanical overlay, spray equipment, embossing and gold stamping machines. OlsenMark Corporation, 124 White St., New York 13, N. Y.

**OlsenMark** — Marking machinery. OlsenMark Corporation, 124 White St., New York 13, N. Y.

**Olympian**—Color and black and white roll film camera. Chemco Photoproducts Co., Inc., Glen Cove, N. Y.

**Omaha**—Newspaper folder. Modern Equipment Co., Inc., 2011 Cuming St., Omaha 2, Neb.

**OMC**—Wet and dry offset prevention sprays and equipment; hot wax sprays and applicating units. Ortman-McCain Company, 1330 W. Washington Blvd., Chicago 7, Ill.

**One Set** — Rubber printing press rollers. B. F. Goodrich Industrial Products Co., Akron 18, O. (Niles & Nelson, Inc., New York, N. Y., distributors).

**One-Turn Shift** — Counter-balance action to shift magazines. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Opex**—Lacquers for silk screen and display. Sherwin-Williams Co., 101 Prospect Ave., Cleveland 1, O.

**Optic-Aid Front** — Elimination of distracting moving machine parts affecting Linotype operator's efficiency. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Optical Depth Gauge**—For photoengraving and gravure platemaking. Unitronics, Inc., 472 Paul Ave., St. Louis 21, Mo.

**Opti-Chek**—Device for mounting plates in register on press cylinders. E. L. Harley, Inc., 8701 Third Ave., Brooklyn 9, N. Y.

**Ortho** — Paper base strip film. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

**Ortleb**—Ink agitators and electric-lighted magnifiers. Perforating attachment for Kelly presses. Ortleb Machinery Co., 3818 Laclede Ave., St. Louis 8, Mo.

**Ostrander**—Electrotype and stereotype platemaking and finishing equipment. Ostrander - Seymour Co., 1710 N. 25th Ave., Melrose Park, Ill.

**O-33**—Litho ink conditioner. Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.

**Owl Brand** — Zinc photoengraving plate. Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. Y.

**OX**—Process rollers (special soft base). Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

**Oxy-Dry**—Sprayer and powder for offset prevention, sheet cleaner. Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.

**Ozachrome** — A transparent film with coating which can be used to produce color separation positives or negatives which are used for proofreading or comparison with original color art copy before making the printing plates. Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.

**Ozalid**—A proofing paper on which multiple copies of type matter and illustrations may be reproduced. Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.

**Ozalith**—Pre-sensitized aluminum and paper offset plates, fountain solution, developing solutions, direct image (paper) plates. Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.

## P

**P/C Kotes**—Plastic fiber xerography plates. Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

**P. V.** — Variable speed drives. Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

**Pacemaker**—Offset printing press. Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.

**Pacemaker** — Tipping and semi-automatic gatherer. Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.

**Packer**—Auto wire tying machines. Signode Steel Strapping Co., 2600 N. Western Ave., Chicago 47, Ill.

**Padd-O-Cork**—Cork molding blanket. Coyne & Paddock, Inc., 40-09 21st St., Long Island City 1, N. Y.

**Paddy**—One-time carbon binding machine. J. Curry Mendes Corp., New Bedford Industrial Park, New Bedford, Mass.

**Pam-X**—Flexible plastic cold liquid glue. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

**Panameric**—Hand miterer. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

**Panchrome**—Continuous tone panchromatic plate. G. Cramer Dry Plate Co., Lemp & Shenandoah Aves., St. Louis 4, Mo.

**Para-Flex**—Tools, equipment for making non-metallic plates. Para-Flex Plate Corp., 21 E. 17th St., New York 3, N. Y.

**Paragon** — Automatic and lever numbering machines. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

**Parazin**—Solid rubber and metal backed printing plates. Parazin Corporation, 208 Mill St., Rochester 4, N. Y.

**Partlow**—Type metal temperature control equipment. Partlow Corp., 2 Campion Rd., New Hartford, N. Y.

**Paster Pilot** — Mechanism for automatically severing expiring web and splicing tail to fresh paper roll on rotary printing presses. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

**Pee-Gee** — Reducing and non-scratch compounds. Pope & Gray, Inc., Industrial West, Allwood, Clifton, N. J.

**Peerless**—K-2 single spindle and multiple spindle paper drilling machines, power and foot punching machines, power round-hole perforating machine, also foot power perforator. Nygren-Dahly Co., 1422 Altgeld St., Chicago 14, Ill.

**Peerless**—Roll leaf stamping foil, roll leaf stamping presses. Peerless Roll Leaf Co., 4511 New York Ave., Union City, N. J.

**Peerless**—Stereotype matrix molder. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

**Pentrate**—A method for cleaning Intertype molds. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 2, N. Y.

**Perennial**—Daters. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

**Perf-A-Matic** — Automatic feed perforator for snap out forms. Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.

**Perfect Circle** — Cylindrical plates for gravure and letterpress. Champlain Co., Inc., Harrison Ave., Roseland, N. J.

**Perfection**—Autoplate drive belt. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

**Perfection** — Gummed and Teletypesetter tape; mailing and listing papers. Paper Manufacturers Co., 9800 Bustleton Ave., Philadelphia 15, Pa.

**Perfection** — Proof press. Nolan Corporation, 1333 Dominick St., Rome, N. Y.

**Perfix**—Perforator. Altair Machinery Corp., 55 Vandam St., New York 13, N. Y.

**Permacel**—Pressure sensitive tapes. Permacel Incorporated, U. S. Highway No. 1, New Brunswick, N. J.

**Permelene**—Aniline and rotogravure inks. Hill-Hentschel Co., 3928 Clayton Ave., St. Louis 10, Mo.

**Phenoid**—Instantaneous type cleaner. Chalmers Chemical Co., 123 Chestnut St., Newark 5, N. J.

**Photon** — Photographic typesetting machine. Photon, Inc., 58 Charles St., Cambridge 41, Mass.

**Photorite**—Presensitized paper plates. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Photovolt**—Electronic transmission and reflection densitometers and pH meters. Photovolt Corp., 95 Madison Ave., New York 16, N. Y.

**Pica**—A composing stick. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

**Pica-Master** — Band sawing machine. The DoAll Company, 254 N. Laurel Ave., Des Plaines, Ill.

**Pilot**—Hand printing press. Chandler & Price Co., 6000 Carnegie Ave., Cleveland 3, O.

**Pioneer**—Bench router and type-high planer, composing room saw, paper drillers, micrometer. Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.

**Plane-O-Plate**—Plate shaver. Monomelt Co., 1611 Polk St., N.E., Minneapolis 13, Minn.

**Plastico**—Plastic binding machine and plastic binding elements. Plastic Binding Corp., 732 Sherman St., Chicago 5, Ill.

**Plastiply Matrix**—For making rubber printing plates. Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.

**Plastictypes**—Plastic plates and mats. Reilly Electrotype Co., 305 E. 45th St., New York 17, N. Y.

**Plasti-Vac**—Vacuum contact printing frame utilizing plastic top for exposing presensitized plates, grained, and engraver's plates. Paul Anderson Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.

**Plast-O-Damp** — Paper covering for dampening rollers on offset printing presses. Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.

**Plate Master** — Hydraulic molding press, for molding Vineylite electrotype molds, plastic printing plates, rubber printing plates and stereotype mats. Williamson & Co., Inc., Caldwell, N. J.

**Plate-Mate**—Line of photomechanical platemaking equipment. Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

**Plate Perfector and Tension Miller** —Machine for finishing curved stereotype plates and cutting pockets in plates to permit tension fingers on press plate cylinder locking plates tightly to cylinder. The Goss Company, Div. of Miehle - Goss - Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

**Plate-Tak** — Cut mounting tape. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.

**Pleger** — Bookbinding machinery. Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

**Pleger "400"**—Gold stamping and embossing press. Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

**Pliofilm**—Synthetic rubber. Goodyear Tire & Rubber Co., 1144 E. Market St., Akron 16, O.

**Plus 4**—Copper anodes for plating electrotypes and gravure cylinders. American Brass Co., The, 414 Meadow St., Waterbury 20, Conn.

**Plus Metals**—Adjusting alloys for type metals. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

**Plymouth**—Brass plates for photoengraving. Edes Mfg. Co., Water St., Plymouth, Mass.

**Plymouth** — Knife grinder. Fate-Root-Heath Co., Grinder Div., Plymouth, O.

**PMC**—Die cutting machines. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

**PMC**—Patent metal base, register hooks, Vee slot hooks, aluminum alloy metal furniture. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

**PMC Warnock** — Patent metal base, register hooks, Vee slot hooks, aluminum alloy metal furniture. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

**Pneuma-Flo** — Offset preventing spray guns. Pneuma-Flo Systems, Inc., 141 W. 20th St., New York 11, N. Y.

**Pneumatic Pumps**—For Junior and Pony Autoplate. Wood Newspaper Machinery Corp., 688 Second St., Plainfield, N. J.

**Polykote** — Photosensitive plastic fiber plates. Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

**Pony** — Rotary perforator, six multiplex punching machine. F. P. Rosback Co., 225 Fifth St., Benton Harbor, Mich.

**Pony Boy**—Typographic numbering machine. American Numbering Machine Co., Atlantic and Shepherd Aves., Brooklyn 8, N. Y.

**Porta-Trace**—Portable illuminated tracing units. Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.

**Portermade**—Feed boards, cutting sticks, matrix cabinets and other wood accessories. Chambersburg Lumber Co., College and Scotland Aves., Chambersburg, Pa.

**Post**—Totalizing and present electronic high speed counters for any counting purpose. Electronic Products Div., Post Machinery Co., 150 Elliott St., Beverly, Mass.

**Potdevin**—Paper converting machinery. Potdevin Machine Co., 226 North St., Teterboro, N. J.

**Potstiks**—Blatchford brand metal flux. National Lead Co., 111 Broadway, New York 6, N. Y.

**Powerdot**—Stripfilm and film developer. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

**Power-Fix** — Film fix. Chemco Photoproducts Co., Inc, Charles St., Glen Cove, N. Y.

**Powerlith** — Litho surface platemaking chemicals. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

**Powerplate** — Cold top enamel. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

**Precise** — Roll feed rotogravure presses, integrated plastic coating, sheeting, slitting, embossing, perforating, rewinding and die cutting equipment. Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill.

**Precision**—Bearings. Norma-Hoffman Bearings Corp., Stamford, Conn.

**Precision**—Offset inks. Lewis Roberts, Inc., 72 Union St., Newark, N. J.

**Precision**—Steel roller chain. Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

**Preco**—Hydraulic press for molding phenolic matrices for rubber stamps and rubber printing plates. Preco, Inc., 6300 E. Slauson Ave., Los Angeles 22, Calif.

**Premier**—Rotary shaver. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

**Prentiss** — Bookbinders' wire. Porter, H. K., Co., Riverside-Alloy Metal Div., 439 Dwight St., Holyoke, Mass.

**Pre-Registering Tensionplate Automiller** — For milling press plate-holder pockets and for pre-registering newspaper stereotype color plates. Wood Newspaper Machinery Corp., 688 Second St., Plainfield, N. J.

**Pre-set**—A lineup table for offset-lith and photoengraving platemaking. Long Engineering Research Corp., 30 W. Price St., Linden, N. J.

**Pressroom Aspirin** — Ink reducer, offset preventive. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Presstest Blocks**—Impression test blocks. M & L Typesetting & Electrotyping Co., 4001 Ravenswood Ave., Chicago 13, Ill.

**Presto**—Ink remover. H. S. Prescott, 95 Nursery St., Springfield, 4, Mass.

**PrestoCaster**—Hand operated electrotype plate caster. Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.

**Pre-top** — Pre-sensitized photoengraving plate. Dirats Photo Plate Co., Inc., 181 Notre Dame St., Westfield, Mass.

**Prime**—Letterpress inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

**Printers' Position Sheets**—Layout sheets. Cromwell Paper Co., 4801 Whipple St., Chicago 32, Ill.

**Printmaster** — Single width press for printing newspapers with smaller circulations. R. Hoe & Co., Inc., 910 E. 138th St., New York 54, N. Y.

**Print Smooth**—Compound. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Process Rollers**—Typographic combination rubber base and composition rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

**Productimeter**—Press and folder counters. Durant Manufacturing Co., 1988 N. Buffum St., Milwaukee 1, Wis.

**Prosperity Black** — A letterpress ink. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

**Protectoseal**—Safety cans. Protectoseal Co., The, 1920 S. Western Ave., Chicago 8, Ill.

**ProType**—Photolettering machine. Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Pyroductimeters** — Counting machines, lineal measuring machines. Durant Mfg. Co., 1988 N. Buffum St., Milwaukee 1, Wis.

**Pyro Immersion Pyrometers**—For measuring temperatures of non-ferrous metal. Pyrometer Instrument Co., 92 Portland Ave., Bergenfield, N. J.

**Pyro Prod** — Portable pyrometer. Illinois Testing Laboratories, 420 N. La Salle St., Chicago 10, Ill.

**Pyro Surface Pyrometers** — For measurement of temperatures up to 1200 deg. F. Pyrometer Instrument Co., 92 Portland Ave., Bergenfield, N. J.

## Q

**Q-Coat**—Offset platemaking solution. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

**Q-Lac**—Surface plate lacquer. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

**Quadhole Base** — Honeycomb type metal base in 30 pt. units. M & L Typesetting & Electrotyping Co., 4001 Ravenswood Ave., Chicago 13, Ill.

**Qualicraft**—A line of sundry silk screen supplies. Sherwin-Williams Co., 101 Prospect Ave., Cleveland 1, O.

**Quickee**—Fast drying ink. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

**Quick-set**—Compound and inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

## R

**Randolph**—Pump for loading and unloading photoengraving acids. Randolph Company, 1018 Rosine St., Houston 19, Tex.

**Rapid** — Offset-lithograph Ebonite and newspaper rollers; typographical rollers of all kinds; varnish, lacquer and rubber rollers of all kinds; offset-lithograph blankets. Rapid Roller Co., 26th and Federal Sts., Chicago 16, Ill.

**Rapid**—Saw extension gauge for saw trimmer. Margach Mfg. Co., 47 Wooster St., New York 13, N. Y.

**⊙Rapid**—Saw swivel gauge for Miller saws. Monomelt Co., 1611 Polk St., N. E., Minneapolis 13, Minn.

**Rathbun & Bird**—Extension delivery. Rathbun & Bird Co., 379 West Broadway, New York 12, N. Y.

**Rathbun & Bird**—Gas sheet heater. Rathbun & Bird Co., 379 West Broadway, New York 12, N. Y.

**Raymat**—Stereotype electronic mat pre-shrinker. Industron Corporation, 55 Needham St., Newton Highlands 61, Mass.

**Reanite**—Bonding process mounting for zinc or copper plates to wood. U. S. Stoneware Co., Tallmadge Ave., Akron 9, O.

**Readco** — Ink mixing machine. Read Standard Corp., York, Pa.

**Rectigraph** — Photo-copying machines. Haloid Co., 2 Haloid St., Rochester 3, N. Y.

**⊙Red Bulldog**—Autoplate drive belt. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

**⊙Red Comet**—Autoplate drive belt. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.

**Red Giant**—Hand lift trucks. Revolvator Company, Tonnele Ave., North Bergen, N. J.

**⊙Redback**—An acid-resist coating on back of photoengraving zinc sheets. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

**RediLift**—Single stroke mechanical lift trucks. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

**Redi-Lith**—Lithographic inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Redington**—Counting machines. F. B. Redington Co., 3000 St. Charles Rd., Bellwood, Ill.

**Redi-Set**—Lithographic inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Red Label**—Routing cutters. High speed steel cutters. John Royle & Sons, 10 Essex St., Paterson 3, N. J.

**Red Rocker**—Barrel stand. Economy Engineering Co., 4511 W. Lake St., Chicago 24, Ill.

**Red Streak**—Paper cutter knives, trimmer knives. Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass.

**⊙Red Top**—Matrix sheet for molding plastic plates and/or rubber plates. Williamson & Co., Inc., Caldwell, N. J.

**Red Top**—Under blanket for newspaper printing presses. Goodyear Tire & Rubber Co., 1144 E. Market St., Akron 16, O.

**Reducol** — Ink reducer. Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.

**Reevelce** — Machine for sealing plastic vinyl binders, book covers, etc. Reeve Electronics, 609 W. Lake St., Chicago 6, Ill.

**Reeves**—Variable speed drives, vari-speed motor pulley, vari-speed motor-drive. Reeves Pulley Co., 1225 Seventh Ave., Columbus, Ind.

**Refrak**—Burners. Refractory burners for various purposes, including melting and drying. Selas Corp. of America, Dresher, Pa.

**Regiset**—Sheet registering device for Miehle Vertical. The Carlson Company, 15 Hathaway St., Boston 10, Mass.

**Registerscope**—Device for registering units of a form with an image of the copy reflected through a scanning plate on to the imposing surface. Taylor Machine Co., 1713 S. Clinton St., Baltimore 24, Md.

**⊙Register Zinc**—A special photoengravers' zinc alloy for color plates, long runs and mat molding. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

**Reid**—Magazine racks for linecasting machines. William Reid Co., 2271 Clybourn Ave., Chicago 14, Ill.

**Reid-Hill**—Page lift, chase and storage cabinet. William Reid Co., 2271 Clybourn Ave., Chicago 14, Ill.

**Reillytypes**—16 gauge electrotypes. Reilly Electrotype Co., Div. of Electrographic Corp., 305 E. 45th St., New York 17, N. Y.

**⊙Reliable**—Gallery camera. Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

**Rejafix**—Marking machines for marking vials, plastics, rubber, etc. Popper & Sons, Inc., 300 Fourth Ave., New York 10, N. Y.

**Reliance**—Electric motors, generators, gear-motors, motor-generator sets. Reliance Electric & Engineering Co., 1088 Ivanhoe Rd., Cleveland 10, O.

**Re-Nu-Rol**—Rubber inking roller conditioner. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

**Removorite**—All purpose gum remover for offset and paper plates. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Repro Art**—Photoengraving equipment. Max Levy & Co., Wayne Ave. & Berkley St., Philadelphia 44, Pa.

**Repro-Graphic**—Photographic dry plates. G. Cramer Dry Plate Co., 1835 Shenandoah Ave., St. Louis 4, Mo.

**Resisto**—Non-scratch black inks. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

**Resyn**—Adhesives for printers, lithographers and binders. National Adhesives, Div. National Starch Products, 270 Madison Ave., New York 16, N. Y.

**Revelation**—Compounds and inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Revetch** — Mechanical reverse proofing process. Graphic Arts Research Foundation, 18 W. Kenzie St., Chicago 11, Ill.

**Revolvator**—Press feeding lifts, portable elevators and trucks. Revolvator Company, Tonnele Ave., North Bergen, N. J.

**Riehlock**—Adjustable page or form tie-up galley and lock and galley side locks. Riehl Galley Lock Co., 748 E. 82nd St., Cleveland 3, O.

**⊙Rigid-Rim**—Steel galleys. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

**Rip-Proof**—Mylar reinforcing for loose leaf sheets. G. J. Aigner Co., 426 S. Clinton St., Chicago 7, Ill.

**Robco**—Anhydrous alcohol solution for deep etch plates. J. M. Roberts Co., Kalamazoo, Mich.

**Robertson** — Cameras, vacuum printing frames, plate whirlers, etching machines, temperature control units. Robertson Photomechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

**⊙Robinol** — Non-toxic solution for cleaning type, matrices, motors and presses. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

**⊙Rocket**—Saw trimmer. Nolan Corporation, 133 Dominick St., Rome, N. Y.

**Rogers**—Paper and line-casting machine knife grinders. Samuel C. Rogers & Co., Inc., 2070 Sheridan Dr., Buffalo 23, N. Y.

**Rogersol**—Line of cleaning solvents such as type washes, humidity control solvents, offset roller washes, blanket washes, dampener roller cleaners, lubricating oils, numbering machine oils and cleaner, Asphaltum 666, composition and rubber roller conditioners. Harry H. Rogers Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.

**Rogers Photo Engraving Glue**—Rogers Isinglass & Glue Co., 210 Eastern Ave., Gloucester, Mass.

**Rogers Prepared Top Enamel**—Uniform, sensitized solution for all metals. Rogers Isinglass & Glue Co., 210 Eastern Ave., Gloucester, Mass.

**Rolatone**—Concentrate for rollers. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Rolite**—Viewer. Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.

**Roll-a-Minute**—Rubber plate, roll-feed press for paper and cloth tape, one-color rotary press. Ever Ready Label Co., 357 Cortlandt St., Belleville, N. J.

**RollAskid**—Paper stock inverter for turning over complete stack of paper in one operation. The M. L. Abrams Co., 1841 Prospect Ave., Cleveland 15, O.

**Roll-over** — Air-cooled individual molds to cast slip-off ingots. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

**Roloc Colorsplitter**—Color separation machine. Roloc, Inc., 4217 W. North Ave., Milwaukee 8, Wis.

**Rolup Process**—Method for etching photoengravings. Harold M. Pitman Co., 3239 S. 51st Ave., Cicero 50, Ill.

**Romyns**—Spaceband cleaning machine. Hartzell Machine Works, Market St. and Bethel Rd., Chester, Pa.

**⊙Ronolene** — Offset blanket and roller wash. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

**Roocoglo Ink**—Gloss process ink. H. D. Roosen Co., Inc., Div. Columbian Carbon Co., 41 E. 42nd St., New York 17, N. Y.

**Roocoset Ink**—Steamset type ink. H. D. Roosen Co., Inc., Div. Columbian Carbon Co., 41 E. 42nd St., New York 17, N. Y.

**Rosback**—Multiple punching machine, stitcher and feeder, round hole rotary perforator, two-way rotary perforator, rotary stamp perforator, slot rotary perforator, extra heavy power perforator, super XX heavy power perforator, "multiplex" check perforator, gathering machine. F. P. Rosback Co., 225 Fifth St., Benton Harbor, Mich.

**Roscolene**—Transparent material for taking positive proofs for plate reproduction. Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.

**Rotator**—A variable speed gathering machine for binding and publishing plants. Kenneth E. Dudley Co., 112 N. Potomac St., Hagerstown, Md.

**Rotary-X**—Roll-feed, rubber plate, one and two-color units, press for tape printing. Ever Ready Label Co., 357 Cortlandt St., Belleville, N. J.

**Roto-Grip**—Finish applied to photoengravers' zinc plates. Edes Mfg. Co., Water St., Plymouth, Mass.

**RotoMatic** — Rotogravure press. Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

**Rotomatic**—Rubber plate grinder. E. L. Harley, Inc., 8701 Third Ave., Brooklyn 9, N. Y.

**⊙Roto-Verter** — Rotary pallet load inverter. Roto-Verter, P.O. Box 9206, Birmingham 13, Ala.

**⊙Rouse**—Vertical rotary miterer, band saw, lead and rule cutters, composing sticks, etc. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

**⊙Router Planer** — Stationary head router and typehigh planer. Hammond Machinery Builders, Inc., 1604 Douglas Ave., Kalamazoo 54, Mich.

**Rowell**—Automatic double rolling device for Miehle Vertical press. W. C. Rowell, 657—10th St., Brooklyn 15, N. Y.

**Royal** — Cork stereotype molding blanket. United Stereotype Supply Corp., P. O. Box 38, W. Lynn, Mass.

**Royal Mark II**—Powderless etching machine. Tasope Company, Tasope Bldg., Aurora, Mo.

**Royle**—Cabinet saws, circular saws, router (free-hand, radial). John Royle & Sons, 10 Essex St., Paterson 3, N. J.

**R. R. B.**—Padding glue. Burrage Glue Co., 15 Vandewater St., New York 17, N. Y.

**⊙R228** — Rubber roller wash. A cleaner and revitalizer for synthetic rubber rollers. Anchor Chemical Co., 827 Bergen St., Brooklyn 38, N. Y.

**Rubbo**—Padding glue. American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.

**Rubylith M3** — Red laminated masking film. Ulano Graphic Arts Supplies, Inc., 610 Dean St., Brooklyn 38, N. Y.

**Rutherford** — Lithographic and printing machinery. Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

**Ryco**—Washup devices for sheet-fed and roll-fed offset presses. E. G. Ryan and Co., 153 W. Huron St., Chicago 10, Ill.

## S

**Saber Tooth**—Perforating backing and under type high perforating rule. H. S. Boyd Co., 6915 E. 14th St., Tulsa, Okla.

**Safetch**—Offset plate etch. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Safe-Myx**—Non-offset spray solution. Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.

**Safeset**—Ink conditioner. Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.

**Safety Roll**—Paper truck. William A. Norman, 1133 E. 63rd St., Chicago 37, Ill.

**Saf-T-Flame**—Safety pilot metal temperature control. The Partlow Corp., 2 Campion Rd., New Hartford, N. Y.

**Samson**—Offset press blankets. Sam'l Bingham's Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

**Samson**—Vulcanized oil rollers for offset presses. Sam'l Bingham's Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

**Sandblom**—Steel chases. Sandblom Steel Chase Co., 426 S. Clinton St., Chicago 7, Ill.

**⊙Sans Aqua** — Aerosol waterless hand cleaner. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

**S&M**—Trucks, racks and makeup and storage cabinets. S&M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif.

**S & W**—Controlled gas burner for all presses. Wolfer Printers Supply Co., 1221 Maple Ave., Los Angeles 15, Calif.

**⊙Satisfaction**—Drawsheet, duck impregnated and coated with Cavalprene. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

**⊙Sawliner**—Composing room saw trimmer for printers and engravers. The Morrison Co., 125 W. Melvina St., Milwaukee 2, Wis.

**Saxmayer**—Tying machines and stringing machines. National Bundle Tyer Co., 320 Adrian St., Blissfield, Mich.

**⊙Scan-A-Graver**—Electronic photoengraving machine. Fairchild Graphic Equipment, Inc., Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.

**⊙Scan-A-Sizer**—Enlarging and reducing electronic photoengraving machine. Fairchild Graphic Equipment, Inc., Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.

**Scan-A-Web**—Device on printing presses for inspection during high-speed production runs. National Laboratories & Mfg. Co., 112 Greenwood Ave., Midland Park, N. J.

**Schweizer** — Electrically heated steam vulcanizers for rubber plate making. Chas. K. Schweizer Co., 231 Russell Ave., St. Louis 4, Mo.

**⊙Scorchrite**—Timer for mat drying. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

**Scotch**—Trade name for cellulose adhesive tape, gummed two sides for mounting engravings. Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.

**⊙Scott**—"Hi-Speed," "Standard-hi-speed" and "Extra-hi-speed" presses, combination newspaper and color presses, 3-roll magazine rolls and "Hi-speed" automatic pasters with Jones automatic tension governor. Walter Scott & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.

**Seal-O-Matic** — Automatic sealing machine for self-mailers. Seal-O-Matic Machine Mfg. Co., Inc., 145 Hudson St., New York 13, N. Y.

**Seamol**—Seamless offset dampener roller covers. Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.

**Selas**—Dryers. Ink drying units for high speed presses and metal melting equipment. Selas Corp. of America, Dresher, Pa.

**⊙Selectro-Matic** — Quadding attachment for new or existing line composing machines. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

**⊙Self-Quadder**—Device on Linotype for automatically quadding either right or left or centering lines. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**⊙Senator**—Regular and electromatic programming paper cutters. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**Senior I. C.**—Rotary wrapping paper press. Kidder Press Co., 121 Broadway, Dover, N. H.

**Sennett**—Positive assembler for Linotype machines. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

**Separator**—Box that automatically separates Monotype from Linotype slugs when form is dumped. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

**Service Box**—Electrically heated storage and heating mat box at scorcher temperature. Eastern Newspaper Supply, Inc. 9603 Northern Blvd., Corona, 68, N. Y.

**Servol**—Composition white metal type. OlsenMark Corporation, 124 White St., New York 13, N. Y.

**Set-Maker** — Collator. Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.

**Setmaster**—Gluetipping and collating machine. Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.

**Setswell** — Compound. Conditions ink to lie smooth prevents mottling, helps overprinting, relieves smudging. J. E. Doyle Co., 1220 W. 6th St., Cleveland 13, O.

**Seven-Eleven**—Solvent and solvent adhering silk screen films. Ulano Graphic Arts Supplies, Inc., 610 Dean St., Brooklyn 38, N. Y.

**729 Developer**—Paper base film developer. Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

**Seybold**—Auto spacer cutters, continuous feed trimmers, knife grinding machine, paper cutters, mill trimmers, paper drills, and collators. Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

**SG**—19 x 25 automatic cylinder letterpress. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

**Shadotone** — Secondary color in inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Shamrock** — Green rubber rollers for letterpress and offset. The Moreland Corporation, York and Fitzwatertown Rds., Willow Grove, Pa.

**Sharpshooter**—Offset and photoengraving camera. Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.

**Shell-cast**—Device for attachment to Ludlow type casting machines. Ludlow Typograph Co., 2032 Clybourn Ave., Chicago 14, Ill.

**Shell-Hi Slug Shear**—Shears shank from the head of Ludlow slugs. Ludlow Typograph Co., 2032 Clybourn Ave., Chicago 14, Ill.

**Shirley**—Untreated tympan paper. Hollingsworth & Vose Co., East Walpole, Mass.

**Shooting Star** — Gallery camera. Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

**Showcard**—Machines for printing display cards and signs. Showcard Machine Co., 1456 Merchandise Mart, Chicago 54, Ill.

**Shy-Nee**—Gloss inks for corrugated containers. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

**Sieber**—Punches, foot and hand power. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

**Siebold**—Letterpress, offset, lithographic inks and compounds. J. H. & G. B. Siebold, Inc., 150 Varick St., New York 13, N. Y.

**Sigmund Ullman**—Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Signode**—Strapping and tying machines. Signode Steel Strapping Co., 2600 N. Western Ave., Chicago 47, Ill.

**Silcolith** — Silicone lubricant for linecasting machine molds, plungers, mold wipers and space bands. Theo. Hiertz Metal Co., 8011 Alaska Ave., St. Louis 11, Mo.

**Silk**—Compound for reducing ink without reducing strength. H. D. Roosen Co., 41 E. 42nd St., New York 17, N. Y.

**Silvaloy**—Acid and chemical resistant metal containers. Douthitt Corp., 680 E. Fort St., Detroit 26, Mich.

**Silveneer** — Ink. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Silverstreak**—Silent chain drives. Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

**Silvertone**—Stereotype mats for black and white and color magazine work. Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.

**Sil-Vor Plate** — Metallic inks. George H. Morrill Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Simco**—Static eliminator and metal-encased static bars. The Simco Company, 920 Walnut St., Lansdale, Pa.

**Simonds-Dayton**—Paper trimming knives. Simonds Worden White Co., 607 Negley Pl., Dayton 7, O.

**Simplex** — Block system, patent base for book work. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

**Simplex** — Paper conditioners. Southworth Machine Co., 30 Warren Ave., Portland 2, Me.

**Single-Liner**—Hot stamping press. Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa.

**Sinvalac**—Die stamping inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

**Sinvalco** — Offset chemicals and supplies. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

**Sirius**—Four paddle etching machine. Axel Holmstrom Etching Machines, 2555 Carpenter St., Philadelphia 46, Pa.

**Sirocco**—Blowers. American Blower Div., American-Standard, 8111 Tireman Ave., Dearborn, Mich.

**SKF**—Ball and roller bearings. SKF Industries, Front St. and Erie Ave., Philadelphia 32, Pa.

**SL-100**—Offset surface plate lacquer. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

**Slic**—A pure silicone fluid for preventing type-metal adhesion to molds liners, vise jaws and spacebands. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

**Slip-off**—Metal eye of pig drops automatically from metal feeder hook. Has a segmented ear at either end. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

**Slotted-Eye**—Metal pig mold. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

**Slug-High Sinkers**—For prevention of work-ups. Ralph Bancroft Co., 305 S. Fifth Ave., Minneapolis 15, Minn.

**Smico**—Letterpress and lithographic inks. Sleight Metallic Ink Co., 538 N. 3rd St., Philadelphia 23, Pa.

**Snap-Set**—Letterpress ink. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

**Solidry**—Non-rubbing, hard drying inks and varnishes. Pope & Gray, Inc., 17 Industrial West, Allwood, Clifton, N. J.

**Soldan**—Bronzing machine. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

**Sol-Dor**—Solution and automatic numbering machine cleaning unit. Wetter Numbering Machine Co., Atlantic Ave. and Logan St., Brooklyn 8, N. Y.

**Solotone**—Shading sheets for preseparated color copy. Bourges, Inc., 80 Fifth Ave., New York 11, N. Y.

**Solv-A-Ton Rx A**—For removing hard ink from old plates and all metal. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

**Solvent No. 95** — Removes ink from metal. Anchor Chemical Co., 827 Bergen St., Brooklyn 38, N. Y.

**Solv-O-Mist**—Varnishes and driers. Braznell Company, 5215 Manchester Ave., St. Louis 10, Mo.

**SOS Compound**—For stopping offset. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

**Sound Level Meter** — Meter for measuring level of noise produced by machinery and equipment. General Radio Co., 22 Baker Ave., West Concord, Mass.

**Southworth**—Envelope press, humidifiers, trucks, round cornering machines, jogger and punching machines. Southworth Machine Co., 30 Warren Ave., Portland 2, Me.

**SpaceMaster** — Hinged, telescopic truck. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

**Spartan**—Teletypesetter tape. Link Paper Co., 45 Cedar Lane, Englewood, N. J.

**SPC**—Complete rotogravure equipment from camera to pressroom. Standard Process Corporation, 2704 W. Roscoe St., Chicago 18, Ill.

**Special**—Stereotype dry mat for newspaper work. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

**Special Panchrome**—Photographic dry plates. G. Cramer Dry Plate Co., 1835 Shenandoah Ave., St. Louis 4, Mo.

**Special Six** — Multiplex punching machine. F. P. Rosback Co., 225 Fifth St., Benton Harbor, Mich.

**Spectrum Process**—Panchromatic halftone photography dry plates. G. Cramer Dry Plate Co., 1835 Shenandoah Ave., St. Louis 4, Mo.

**Speedaumat**—Addressing and mailing machines. Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.

**Speed-Flex**—Printing presses. Orville Dutro & Son, Inc., 117 W. Ninth St., Los Angeles 15, Calif.

**Speed King**—Letterpress and offset inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

**Speed King** — Rotary newspaper presses. Walter Scott & Co., Inc., 525 South Ave., Plainfield, N. J.

**Speed Kleet**—Collator for business forms. Didde-Glaser, Incorporated, 50 Highway and W. 12th Ave., Emporia, Kan.

**SpeedLife**—Single stroke mechanical lift truck. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

**Speed Limited** — Halftone black ink. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

**Speedline** — Rubber plate press. E. A. Crawford Co., P.O. Box 2216 Edgewood Sta., Providence 5, R. I.

**Speed-Line**—Stereotype equipment, matrix molders saws, routers. Nolan Corp., 1333 E. Dominick St., Rome, N. Y.

**SpeedMaster** — Portable elevator. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

**Speedo**—Banding press. C. F. Anderson & Co., 3225 Calumet Ave., Chicago 16, Ill.

**Speedo**—Heat set ink. Hill-Hentschel Company, 3928 Clayton Ave., St. Louis 10, Mo.

**Speed-set**—Geared hand numbering machines. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

**Spherekote**—A tympan paper coated with microscopic globular glass particles to prevent offset of first impression printing while second impression is made. Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.

**Sphinx**—Makeready paste. Arabol Mfg. Co., 110 E. 42nd St., New York 17, N. Y.

**Spiral** — Coilmaking machines, punching dies and threading machines. Spiral Binding Co., 406 W. 31st St., New York 1, N. Y.

**Spiralistic**—Process binding. Spiral Binding Co., 406 W. 31st St., New York 1, N. Y.

**Spraymist**—Mist coolant equipment for machines. Bijur Lubricating Corp., 151 W. Passaic St., Rochelle Park, N. J.

**Spray Scanner**—Device for viewing the dispersion of sprayed offset powder. Winton Engineering Co., 2353 May St., Cincinnati, O.

**Spring Tongue**—Gauge pins. Edward L. Megill Co., 761 Atlantic Ave., Brooklyn 17, N. Y.

**Stackers** — Portable elevators. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

**Sta-Hi**—Master Former, Master Router, Master Trimmer, Master Matcher, vacuum flat casting boxes, curved mat trimmers and other stereotype machinery. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

**Standard Anilinar** — Flexographic press. Kidder Press Co., Dover, N. H.

**Standard**—Cork molder. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

**Standard**—Stereotype dry mat for newspaper work. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

**Standard**—Stick. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

**Standard**—Typographic numbering machines. Safety lock pawl equipped for any high speed press. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

**Standard Process** — Rotogravure printing presses, precision grinding and polishing machines, layon or transfer tables, ductor blade grinding machines, layout tables, viewing and cutting stands, retouching stands, vacuum printing frames, rotogravure printing cylinders, rotogravure working screens. Standard Process Corporation, 2704 W. Roscoe, Chicago 18, Ill.

**Standard Unitube** — High speed newspaper press. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

**Stanlite**—Type metal flux. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

**Stanogen**—Dross reducer. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

**Staplecraft**—Saddle and side stapling machines and staples. Acme Staple Co., W. Main St., Franklin, N. H.

**Star**—Automatic quadding attachment for Intertypes and Linotypes. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

**Star**—Cut cement and cut tape and marking ink for plates. Star Cement Co., 190 Wyoming Ave., Maplewood, N. J.

**Star**—Press. The Kelsey Co., 45 Crown St., Meriden, Conn.

**Star**—Rubber, synthetic, leather, dampener rollers; molleton covers. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

**Star**—Saw trimmer. Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.

**Star** — Self-actuating and metal feeder for line casting and typecasting machines. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

**Star Base Dampener** — Rubber litho dampener. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

**Star Black**—High color strength black ink for offset printing. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

**Sta-Rite**—Newspaper bases. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

**Starstarter** — Automatic wrapper feeding device for wrapping newspaper bundles. Toronto Star, Ltd., 275 Albany Ave., Toronto 4, Ont., Can.

**Startex**—Sleeves for flannel and rubber bases of offset rollers. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

**Starwrapper** — Automatic bottom wrapper feeder. Toronto Star, Ltd., 275 Albany Ave., Toronto 4, Can.

**Staticator** — Static detection and alarm system. The Hewson Company, Inc., 443 Broad St., Newark 2, N. J.

**Statikil**—Liquid dressing for the relief of temporary static. Statakil, 1220 W. Sixth St., Cleveland 13, O.

**Sta-Warm**—Electric automatic glue pots and glue kettles. Sta-Warm Electric Co., 553 N. Chestnut St., Ravenna, O.

**Steamaire** — Humidifier. Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

**Sten-Sil-Chase**—A silk screen attachment for the C. & P. platen press. Naz-Dar Co., 469 Milwaukee Ave., Chicago 10, Ill.

**Stephens**—Expansion locks, unit grade brass rule. Samuel Stephens & Wickersham Quoin Co., 174 High St., Boston 10, Mass.

**Stere-O-Cork**—Cork molding blanket. Coyne & Paddock, Inc., 40-09 21st St., Long Island City 1, N. Y.

**Stereotype Equipment**—Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.

✪**Sterling**—Patent metal base, register hooks, Vee slot hooks, aluminum alloy metal furniture. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

**Stewart-Warner** — Spray pumps and guns. Alemite Div., Stewart-Warner Corp., 1826 Diversey Pkwy., Chicago 14, Ill.

**Sticktite**—Rubber plate adhesive. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

**Stikflat Glue**—Bookbinders adhesive. Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

**Stokograph**—Equipment and supplies for plateless raised printing and textile transfers. A. Stokes Co., Stokes Lane, Hudson, O.

✪**Straight-Unit**—Rotary newspaper presses. Walter Scott & Co., Inc., 525 South Ave., Plainfield, N. J.

✪**Streamlined**—Intertype composing machine. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 2, N. Y.

**Strechtype**—A process of transforming a process camera into a photographic reproportioning machine for black and white two-dimensional copy. Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.

**Stripfounders**—Hand-finished rule, leads, metal furniture, molds, spaces, quads. Stripfounders, Inc., 4550 S. Federal St., Chicago 9, Ill.

**Stripmaster**—Hand back stripping machine. Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.

**Strobolume**—Stroboscopic light for observing moving mechanisms, printing register, etc. General Radio Co., 22 Baker Ave., West Concord, Mass.

**Strobolux** — An auxiliary light source for use with Strobotac to produce greater light intensity. General Radio Co., 22 Baker Ave., West Concord, Mass.

**Strobotac**—Electric eye. General Radio Co., 22 Baker Ave., West Concord, Mass.

**Strong**—Label cutter. Hobbs Mfg. Co., 26 Salisbury St., Worcester 5, Mass.

**Stuebing** — Calendar edging machinery and calendar slides. Stuebing Automatic Machine Co., 3424 Beekman St., Cincinnati 23, O.

**SUco**—Overprint varnish and specialties. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Sulmanco** — Job inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Summit** — Compound (reducing). General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Sunco**—Dry colors. Pigments Div. Sun Chemical Corp., 10-10—44th Ave., Long Island City 1, N. Y.

**Super**—Extra flexible composition, regular. Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.

**Super Contrast**—Dot etching-halftone photography dry plates. G. Cramer Dry Plate Co., 1835 Shenandoah Ave., St. Louis 4, Mo.

**Superdense**—Offset inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

✪**Super-Diamond**—Steel floor plate. Alan Wood Steel Co., Conshohocken, Pa.

**Super Duro**—Photographic method for silk screen process. Sherwin-Williams Co., 101 Prospect Ave., Cleveland 1, O.

**Superfine**—Autoplate steel pouring sheets. United Stereotype Supply Corp., P.O. Box 38, W. Lynn, Mass.

✪**Super Flong**—Packless stereotype mat. Wood Flong Corp., Hoosick Falls, N. Y.

✪**Super-Force**—Typographical numbering machines. Wm. A. Force Co., 216 Nichols Ave., Brooklyn 8, N. Y.

**Supergloss**—High gloss inks. Sinclair & Valentine Co., 611 W. 129th St., New York 56, N. Y.

✪**Superior**—Cork molder. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

✪**Superior** — Gummed packing felt, cork molding blankets. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

**Superior** — Mitering machine and hand press. Craftsmen Machinery Co., 75 W. Dedham St., Boston 10, Mass.

**Superior**—Multi-color press, chase size 5 in. by 9 in. for printing tickets, labels and the like. Lockwood's, Inc., 375 Eleventh Ave., Paterson 4, N. J.

**Superior** — Photoengravers' copper plates. Edes Mfg. Co., Water St., Plymouth, Mass.

✪**Superior** — Tailboards. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

✪**Superior Glutex** — Gummed packing felt. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

**Super "N"**—Offset surface plate coating. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

✪**Super-Production**—Magazine, rotogravure, and offset presses. R. Hoe & Co., Inc., 910 E. 138th St., New York 54, N. Y.

**SUperset** — Heat reactive inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Super Speed 7**—Saw trimmer. Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O.

**Superspeed**—Slitter and rewinder. Kidder Press Co., Dover, N. H.

**Super Stere-O-Cork** — Molding blankets. Coyne & Paddock, Inc., 40-09 21st St., Long Island City 1, N. Y.

**Super-stik**—Gummed packing felt. United Stereotype Supply Corp., P. O. Box 38, W. Lynn, Mass.

✪**Supersurfacer**—Machine with power driven cutter-head to take light surface cut from face of Ludlow slug lines. Ludlow Typograph Co., 2032 Clybourn Ave., Chicago 14, Ill.

**Super Tone-Tex**—Direct pressure halftone reproduction dry mats. Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.

**Supreme Litho Blacks**—Series of offset-lithographic inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Suprex** — Special untoned news black. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

✪**Sure Grip**—Work holder for Miller saw trimmers. Monomelt Co., 1611 Polk St. N.E., Minneapolis 13, Minn.

**Surest** — Non-offset compound. Sinclair & Valentine Co., 611 W. 129th St., New York 56, N. Y.

**Suretake** — Compound. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**S-Utility**—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**SUtone** — Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**SUveneer**—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**S W—21 x 28** automatic single color letterpress. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

**S. W.**—Process silk screen colors. Sherwin-Williams Co., Graphic Arts Div., 101 Prospect Ave., N.W., Cleveland 1, O.

**Sweigard Ideal** — Printing frames for photoengravers. Max Levy & Co., Wayne Ave. and Berkley St., Philadelphia 44, Pa.

**Swifter Lifter** — Electric portable elevator 1 to 5 h.p. motor. Economy Engineering Co., 4511 W. Lake St., Chicago 24, Ill.

**SWW** — Paper knives. Simonds, Worden, White Co., Dayton 7, O.

**SY-27x41**—Automatic single color letterpress. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

✪**Synchros**—Ink, process colors. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

✪**Synero**—Inking system to improve inking by synthetic form rollers. Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

**Synerogear**—Geared motor. U. S. Electrical Motors, Inc., 200 Slauson Ave., Los Angeles 54, Calif.

✪**Syndicate**—Dry mat for syndicating purposes. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

**Synthocraft Rollers** — Synthetic rubber rollers for lithographic presses. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

**Synthox Full Synthetic** — Rollers for use as both form and distributing rollers on all presses from small highspeed jobbers to large rotary presses. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

**Syntron**—Paper joggers. Syntron Co., 577 Lexington Ave., Homer City, Pa.

**Systemat** — Duplicating master. Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O.

## T

**Tabletine**—Padding cement. Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.

**Takewell**—Anti-crystallizing compound. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Takk**—Neutralizing bar for eliminating static electricity in printing presses. Takk Corporation, Newark, O.

**Tally-Tab**—Automatic sheet counter and marker. Miller-Lauffer Printing Equipment Corp., 280 Lafayette St., New York 12, N. Y.

**Tantone** — Synthetic lithographic rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 12, Ill.

**Tarpley**—Routing bits for electrotypers, photoengravers and stereotypers. George Tarpley Co., The, P.O. Box 245, Chesterland, O.

**Tasope** — Photoengraving equipment, complete plants, process cameras, metal printing and etching units. The Tasope Co., Tasope Bldg., Aurora, Mo.

**Tauber**—Plastic and mechanical binding materials and equipment. Tauber Plastics, Inc., 200 Hudson St., New York 13, N. Y.

**Tee-Jay**—Paste. Arthur S. Hoyt Co., 175 Fifth Ave., New York 10, N. Y.

✪**Teletypesetter** — Automatic operating apparatus for line-composing machines. Fairchild Graphic Equipment, Inc., Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.

**Tempilstiks**—Indicating temperatures upon application to a hot surface. Wax-like pencils melt at given temperatures. Fisher Scientific Co., 711 Forbes St., Pittsburgh 19, Pa.

**Tenak** — Electrotypers' mounting material. Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill.

**Tenamat** — Electrotype molding medium. Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill.

**Tenamold** — Electrotype molding material. Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill.

**Tenanews** — Packless stereotype mat backing. Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill.

**Tenaplate**—Electrotypers' molding composition. Tenak Products, Inc., 2615 N. Paulina St., Chicago 14, Ill.

**Tensee**—Guard for photoengraving, electrotype and stereo saws. Brett Guard Co., Flatbush Indus. Terminal Bldg., 3611—14th Ave., Brooklyn 18, N. Y.

✪**Tensionplate Automiller**—For milling press plateholder pockets in curved newspaper stereotype plates. Wood Newspaper Machinery Corp., 688 Second Ave., Plainfield, N. J.

**Tesch**—Knife and saw filing and swaging machines and saw trimmers. Tesch Mfg. Co., 2121 N. Drew, Appleton, Wis.

**Texcel**—Clear and colored cellophane tape. Permacel Incorporated, U. S. Highway No. 1, New Brunswick, N. J.

**Thermo**—Tin printing inks. Crescent Ink & Color Co. of Pa., 464 N. Fifth St., Philadelphia 23, Pa.

✪**Thermo-Blo**—Mold cooling device Linotypes. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

✪**Thermomat** — Thermosetting matrix board for rubber plate production. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

✪**Therm-O-Set** — Gummed packing felt. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

✪**Therm-O-Set Fuzon** — Gummed packing felt. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

✪**"33"**—Letterpress ink conditioner. Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.

**Thompson** — Composing room, bindery and special wood equipment. Thompson Cabinet Co., Laura St., Ludington, Mich.

**Thomson**—Cutting and creasing presses, embossing presses, electric die-heaters. Thomson-National Press Co., Dean Ave., Franklin, Mass.

**3M**—Adhesives; offset plates and chemicals; letterpress make-ready system; dampening rollers and sleeves. Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.

**Timken**—Tapered roller bearings. Timken Roller Bearing Co., Canton 6, O.

✪**Tingue Cork**—Cork blanket with fabric both sides. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

✪**Tingue**—Felt, plain and coated with synthetic compound. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

**Tint-print** — Process for making double prints on engravers' metal. Harold M. Pitman Co., 3239 S. 51st Ave., Cicero 50, Ill.

**Ti-Pi**—Rubber printing plate materials and cutting tools. Ti-Pi Co., 1000 Broadway, Kansas City 5, Mo.

**Tipmaster** — Electric glue tipper for snapout forms. Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.

**Tippy**—One-time carbon binding machine. J. Curry Mendes Corp., New Bedford Industrial Park, New Bedford, Mass.

✪**Tirfing 41**—Single color cylinder letterpress. Tirfing Printing Machinery, Inc., 400 Delancy St., Newark 5, N. J.

✪**Toggle**—Patent metal base, register hooks, Vee slot hooks, aluminum alloy metal furniture. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

✪**Toledo**—A composing room saw trimmer. Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.

**Tone-Tex** — A stereotype mat. Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.

**Ton-Tex** — Belting for Miehles, Dexter feeders and folders. Special belts for Linotypes and Intertypes. Ton-Tex Corp., 247 Pearl St. N.W., Grand Rapids 2, Mich.

✪**Top**—Drawsheet 0.024 and 0.030 gauge. Synthetic coating. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

**Tork**—Clock switches. Tork Time Controls, Inc., 11 Grove St., Mt. Vernon, N. Y.

✪**Totalux**—Electronic timing device for photoengraving, offset and gravure platemakers. General Electric Co., 1 River Rd., Schenectady, N. Y.

✪**Tough Temper**—Dies for die-cutting. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

**Tower of Strength**—Type metal. National Lead Co., 111 Broadway, New York 6, N. Y.

✪**Transkrit** — Hot spot carbonizing process. Transkrit Corporation, 704 Broadway, New York 3, N. Y.

**Translight**—Cold grid copyboard illuminator and light source for slow exposures and pre-sensitized plates. Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.

**Translucent**—A stereotype molding board. United Stereotype Supply Co., P.O. Box 38, W. Lynn, Mass.

**Transopaque**—Shading sheets for pre-separated color copy. Bourges Color Corp., 106 Fifth Ave., New York 11, N. Y.

**Transparotype** — Clear acetate proofs of type for reproduction. Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.

**Travel-Grip**—Tympan paper. Miami Valley Coated Paper Co., Franklin, O.

**Treated Jute** — Tympan paper. Riegel Paper Corp., 260 Madison Ave., New York 16, N. Y.

**Treyco**—Sharpening fixture and stand for grinding saws. Treyco Products Co., 149 Longmeadow Rd., Buffalo 26, N. Y.

**Triangle** — Printing and lithographic inks. Triangle Ink & Color Co., 329 E. 29th St., New York 16, N. Y.

○**Tri-Clad**—Motors. General Electric Co., 1 River Rd., Schenectady 5, N. Y.

**Tri-Color** — Three color overhead camera. Robertson Photomechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

**Tri-dimensional** — Process inks. Sleight & Helmuth, Inc., 900 S. Clinton St., Chicago 7, Ill.

○**Trik** —Quickset ink conditioner. Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.

○**TrimOsaw**—Composing room sawtrimmer. Hammond Machinery Builders, Inc., 1604 Douglas Ave., Kalamazoo 54, Mich.

**Trim-See**—Guard for composing room saws. Brett Guard Co., Flatbush Indus. Terminal Bldg., 3611—14th Ave., Brooklyn 18, N. Y.

**Triple-Action**—Composing machine mold polish. Joseph Dixon Crucible Co., 167 Wayne St., Jersey City 3, N. J.

**Triplemetal** — Photoengravers' alloy plate. Edes Manufacturing Co., Water St., Plymouth, Mass.

**Triumph**—Composing room, stereotype and pressroom equipment. Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.

**Troy**—Ink mills and mixers. Troy Engine & Machine Co., 739 Parsons St., Troy, Pa.

**Tru-Kote** — Direct image plate, paper master. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Trumax**—Molding press for molding rubber and plastic matrices and plates, electrotype molding and stereotype mats. Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.

○**Trumold**—Stereotype cork molding blanket. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, New York.

**Trump**—Paste. Arthur S. Hoyt Co., 175 Fifth Ave., New York 10, N. Y.

○**Tubular**—Rotary stereotype press and tubular stereotype machinery. The Goss Company, Div. of Miehle - Goss - Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

**Tufcrete**—Floor maintenance materials. Tufcrete Company, Inc., 502 E. Locust St., Des Moines 9, Ia.

**Tufhide** — Metal decorating inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

○**Turner**—Safety guards and quoins. Turner Printing Machinery, Inc., 2630 Payne Ave., Cleveland 14, O.

**Turpaque**—Negative opaque. Ulano Graphic Arts Supplies, Inc., 610 Dean St., Brooklyn 38, N. Y.

○**20/20** — Overprint varnish. Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.

**21 x 28 SW** — Automatic single color letterpress. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

**21 x 28 TW** — Two-color letterpress. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

**27 x 41 SY** — Single color letterpress. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

**27 x 41 TY** — Two-color letter press. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

**28 x 41CY** — Cutter and creaser. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

**Twin-Type** — Water-cooled molds with cavities above and below to cast slip-off ingots. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

○**Twistite**—Push pull quick acting vise. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

○**Two-in-One**—Mixer Linotypes on which both 72 and 90 channel magazines may be used simultaneously. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Type-&-Rule Caster** — Casts type, ornaments, individual borders, quads, spaces for hand composition in all sizes from 1½ to 12 pts. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 3, Pa.

**Typecast** — Cuts. Sterling Type Foundry, Charlotte, Mich.

**Typeclean**—Wash for type. Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.

**Tygon**—Acid proof paints. U. S. Stoneware Co., Tallmadge Ave., Akron 9, O.

**Tymotherm** — Time controls for heating elements. Tork Time Controls, Inc., 11 Grove St., Mt. Vernon, N. Y.

**Typocraft** — Synthetic rollers for typographic presses. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

○**Typ-O-Writer** — Portable electric keyboard with typewriter arrangement of keys for use with linecasting machines. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

**Typro** — Portable photolettering machine. Halber Corporation, 4151 Montrose Ave., Chicago 41, Ill.

**Tyton**—Halftone blacks. Canada Printing Ink Co., 15 Duncan St., Toronto, Canada.

**Tyups**—For bundling newspapers for delivery. The Tie Co., 14 Depot St., Unadilla, N. Y.

## U

**Ulano** — Vinyl base silk screen films, photomechanical masking film. Ulano Graphic Arts Supplies, Inc., 610 Dean St., Brooklyn 38, N. Y.

**Ulano Swivel**—Swivel knife for cutting masks, films, stencils, etc. Ulano Graphic Arts Supplies, Inc., 610 Dean St., Brooklyn 38, N. Y.

○**Ultra-Force Typographs** — High-speed all-purpose, newly developed typograph designed for handling almost all kinds of standard numbering jobs. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

**Ultra-Precision**—Bearings. Norma-Hoffman Bearings Corp., Stamford, Conn.

**Ultra-Viscoson** — Viscometer for controlling solvent added to ink reservoirs in gravure and flexographic printing and in lacquer coating. Bendix Aviation Corp., Cincinnati Div., 3130 Wasson Rd., Cincinnati 8, O.

**Ultropaque**—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Umixit**—Gold ink. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Uni-Base**—Magnesium base for mounting photoengravings, electrotypes and stereotype plates. Klingman Precision Metals Co., Inc., P. O. Box 427, Louisville, Ky.

**Unclosed**—Motors. U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

**Uniflo**—Ink fountain. Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.

**Union**—Press. The Kelsey Co., 45 Crown St., Meriden, Conn.

**Unique** — Steel register system, block, hooks, plate mounting equipment. Unique Steel Block Co., Inc., 304 Chemung St., Waverly, N. Y.

**Unisorb** — Vibration eliminating material. The Felters Company, 210 South St., Boston 11, Mass.

**Unit**—Rotogravure press. Kidder Press Co., Dover, N. H.

**United American** — Type metals. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

**U. S. Autostart**—Motors. U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

**U. S. Varidrive** — Motors. U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

**Uni-Damp**—Seamless offset dampener roller covers. Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.

**Unitronics**—A device for counting sheets when stacked. Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

○**Unitube**—Rotary newspaper printing press. The Goss Company, Div. of Miehle - Goss - Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

○**Unitubular** — High speed rotary newspaper press. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

**Universal** — Jogging machines. Southworth Machine Co., 30 Warren Ave., Portland 2, Me.

○**Universal** — Mono-tabular broach for setting rule forms. Universal Mono-Tabular Corp., 715 N. Central Expressway, Richardson, Tex.

○**Universal**—Single width semi-cylindrical rotary printing press. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

○**Universal**—Strip caster. Universal Mono-Tabular Corp., 715 N. Central Expressway, Richardson, Tex.

○**Universal** — Vertical brass rule used with mono-tabular broach. Universal Mono-Tabular Corp., 715 N. Central Expressway, Richardson, Tex.

○**Universal Intertype**—Trade name for model of Intertype line composing machine. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 2, N. Y.

**Universal Peerless** — Oblong hole rotary perforating machine. Nygren-Dahly Co., 1422 Altgeld St., Chicago 14, Ill.

○**Universal Precision Knife Block**—With separate micrometer adjustments of each point size from 5 pt. to 45 pt. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Uplifter**—Portable elevator. Revolvator Company, Tonnele Ave., North Bergen, N. J.

**Uprightgrain Base**—A wood tacking base for mounting electrotypes. J. W. Pitt, Inc., 3 Exchange St., Bath, N. Y.

**Utility** — Grippers for a platen press. Chester L. Lance Co., 620 Browder St., Dallas 1, Tex.

**Utility**—Hand paper cutter. Payyer Printing Machine Works, 600 S. Broadway, St. Louis 2, Mo.

## V

○**Vandercook**—Proof presses, test presses, dry offset press, block leveller, type, slug and plate gauges, makeup gauge, test blocks, Lite-Base mounting system, plate mounting gauge. Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

**Vanitex**—Offset blankets. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

○**Vapolith** — Offset instantaneous heat-dried inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

**Vaporin** — Drying units for Vaporin for high speed presses. Selas Corp. of America, Dresher, Pa.

○**Vaporin** — Letterpress instantaneous heat-dried ink. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

○**Vaposet**—Inks which set quickly under application of steam or water vapor. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

**Varidrive** — Variable speed unit. U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

**Vari-Typer**—Justifying typewriter for preparation of copy for photo offset reproduction. Vari-Typer Corporation, 720 Frelinghuysen Ave., Newark 5, N. J.

**Veeder-Root** — Press counters. Veeder-Root, Inc., 70 Sargeant St., Hartford 2, Conn.

**Velo** — Cold-set ink and printing process. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

○**Velvee**—Gum glaze remover and rubber rejuvenator for composition and rubber rollers and blankets. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

**Velvet** — Compound (Reducing). General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Velvet**—Quick setting liquid. The Inco Company, 2372 W. Seventh Ave., Cleveland 13, O.

**Velveteen**—Rollers. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

○**Vent-A-Flex**—Perforated gummed packing felt. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

**Ventura**—Fans, ventilating and exhausting. American Blower Div. of American-Standard, 8111 Tireman Ave., Dearborn, Mich.

**Verse-print** — Process for making reverse prints on engravers' metal. Harold M. Pitman Co., 3239 S. 51st Ave., Cicero 50, Ill.

○**Vertical**—Small size, vertical type, job cylinder press. The Miehle Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

**Vibration Meter**—For measuring the displacement velocity and acceleration components of vibration in machinery and produced in structures by machinery. General Radio Co., 22 Baker Ave., West Concord, Mass.

**Victor**—Press. The Kelsey Co., 45 Crown St., Meriden, Conn.

**Victory** — Mitering machine and hand press. Craftsman Machinery Co., 75 W. Dedham St., Boston 10, Mass.

○**Viking 48** — Single color cylinder letterpress. Tirfing Printing Machinery, Inc., 400 Delancy St., Newark 5, N. J.

**Vinylite Molded** — Electrotypes. Reilly Electrotype Co., Div. of Electrographic Corp., 305 E. 45th St., New York 17, N. Y.

**Virkotype**—Thermographic equipment and supplies. Virkotype Corporation, 111 Rock Ave., Plainfield, N. J.

○**Visco**—Underlay paste. Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

**Viscosel**—Automatic solvent addition to maintain viscosities of inks, adhesives, lacquers and coating materials. Pneuma-Flo Systems, Inc., 141 W. 20th St., New York 11, N. Y.

**Visgard** — Viscosity control unit, viscometer. Graymills Corporation, 3705 N. Lincoln Ave., Chicago 13, Ill.

○**Visilite**—Magazines for Intertype composing machines. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 2, N. Y.

○**Vitaflux**—A type metal flux and cleaner. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

○**Vitalloys** — Special low temperature casting type metals for Monotypes and Thompson casters. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

○**Vitaplate** — Zinc alloy engraving metal for both Dow Etch process and for conventional nitric etching. Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.

**VitasolV**—Chemical bath for combination etching of photoengraving. Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.

**Vitene**—Rubber blanket and roller rejuvenator. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Vulcan**—Newspaper cylinder packing, offset blankets and rollers. Reeves Brothers Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y.

**Vulcan Composition**—Non-meltable glue and glycerine printers' roller. Sam'l Bingham's Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

**Vulcolastic**—Rollers for newspaper and magazine presses. Reeves Brothers Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y.

## W

**Waite**—Sheet-feed gravure press. Cronite Company, Inc., 8070 Hudson Blvd., North Bergen, N. J.

**Waite Inverted** — Die stamping press. The Cronite Company, Inc., 8070 Hudson Blvd., North Bergen, N. J.

**Walbert**—Skid lift. Walbert Machine Co., 819 E. 19th St., Kansas City 8, Mo.

**Wallastar** — Automatic newspaper bundler. The Toronto Star, Ltd., 275 Albany St., Toronto 4, Can.

**Walton**—Air conditioning and dehumidifying equipment. Walton Laboratories, Inc., 1186 Grove St., Irvington 11, N. J.

**Warnock**—Patent metal base, register hooks, Vee slot hooks. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

**Warren Metal Feeders**—Missouri-Central Type Foundry, 703 E. Murdock Ave., P.O. Box 2066, Wichita, Kan.

**Washtone** — Shading medium. Craftint Mfg. Co., 1615 Collamer Ave., Cleveland 10, O.

**Watson**—Press. The Kelsey Co., 45 Crown St., Meriden, Conn.

**Waxwell**—Bottle cap inks. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

**Weathermakers**—Carrier air conditioning, refrigerating, space heating machinery. Carrier Corp., Carrier Pkwy., Syracuse 1, N. Y.

**Webendorfer** — Offset presses, equipment and supplies. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

**Webmaster**—Unit type newspaper press drive. Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis.

**Wee Notch** — Carbon interleaved printed forms. General Manifold & Printing Co., Franklin, Pa.

**Wellborn**—Grained offset plates. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

**Wellite** — Plate mounting base. Wells Manufacturing Co., 1701 S. Main St., South Bend 23, Ind.

**Wesel**—Equipment for the photoengraver, electrotyper, stereotyper and lithographer. Wesel Mfg. Co., 1141 N. Washington Ave., Scranton 9, Pa.

**Western**—Static eliminator. Western Brush Co., Inc., 219 S. Western Ave., Chicago 12, Ill.

**Weston** — Thermometers, photographic analyzers and tachometers. Weston Electrical Instrument Corp., 614 Frelinghuysen Ave., Newark 12, N. J.

**Wetter**—Typographic numbering machine: reverse-end midget, condensed, duplex, large-figure, cash sales slip, ¾-inch wide, center-driven, one-inch, over type high, rotary press, special. Wetter Numbering Machine Co., Atlantic Ave. & Logan St., Brooklyn 8, N. Y.

**Whirlaway**—Dust and chip deflector for Autoplate machines. Wood Newspaper Machinery Corp., 688 Second St., Plainfield, N. J.

**White**—Paper trimming knives. Simonds Worden White Co., Summit St. & Negley Pl., Dayton 7, O.

**Wickersham** — Quoins. Samuel Stephen & Wickersham Quoin Co., 174 High St., Boston 10, Mass.

**Wide Range**—Trade name for several Linotype models equipped with wide standard magazines. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

**Wild & Stevens** — Letterpress, newspaper and offset rollers. Wild & Stevens, Inc., 45 Industrial Place, Newton Upper Falls 64, Mass.

**Wilson**—Adjustable blocks, patent base for book work. Challenge Machinery Co., 19 N. First St., Grand Haven, Mich.

**Wing Mailer**—For placing address labels on mailing pieces. Chauncey Wing's Sons, 78 Pierce St., Greenfield, Mass.

**Winton**—Dry powder offset eliminator and dry powder. Retractable board holder. Winton Engineering Co., 2353 May St., Cincinnati, O.

**Winton**—Board and sheet markup and inspection table. Winton Engineering Co., 2353 May St., Cincinnati, O.

**Wiroveyor** — Engineered conveyor systems. Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

**Wiretyer** — Automatic wiretying machines for bundles and stacks of newspapers. Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

**Wolverine**—Flexographic printing presses. Wolverine Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.

**Wonder**—Black ink. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

**Wonder**—Non-offset spray solution. Sleight Metallic Ink Co., 538 N. 3rd St., Philadelphia 23, Pa.

**Wonpreshun**—Opaque white. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**Wood Green Bake Mat**—Direct pressure stereotype mat. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

**Wood Heavy Duty** — Newspaper press. Wood Newspaper Machinery Corp., 688 Second St., Plainfield, N. J.

**Wood ROP Color Mat**—Stereotype mat designed especially for ROP color reproduction. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

**Wood**—Dry mats (flongs) for stereotyping. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

**Wood**—Steel web newspaper presses and stereotyping equipment. Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

**Worden**—Paper trimming knives. Simonds Worden White Co., Summit St. & Negley Pl., Dayton 7, O.

**Wotta Black** — Series of non-scratch, quick setting, minimum offset inks for platen and cylinder presses. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

**W-R**—Non-offset spray wax. Wax Refining Co., 2001 S. California Ave., Chicago 8, Ill.

**W-R**—Wax conditioner for press color inks. Wax Refining Co., 2001 S. California Ave., Chicago 8, Ill.

**Wynnliner** — Gold hot stamping presses. Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa.

## X

**XL**—Power saws with trimmers. Missouri-Central Type Foundry, 703 E. Murdock Ave., P. O. Box 2066, Wichita 1, Kan.

## Y

**Yankee**—A composing stick. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

**YES** — Bookbinders equipment. Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

**York**—Air conditioning equipment. York Corp., York, Pa.

**Young**—Special presses for printing on any material, including punching, slitting, perforating, etc. Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

**Y-Poff** — Offset inks. Braznell Company, 5215 Manchester Ave., St. Louis 10, Mo.

## Z

**Zenith**—Cork stereotype molding blanket. United Stereotype Supply Corp., P. O. Box 38, W. Lynn, Mass.

**Zenith**—Plate graining and plate whirling machines. Zarkin Machine Co., 34-19 Tenth St., Long Island City 6, N. Y.

**Zephyr**—Quick drying halftone and offset inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

**Zink**—Cement for mounting cuts. E. A. Booth Rubber Co., 2855 Scarborough Rd., Cleveland Heights 18, O.

**Zip-Dri**—Work and turn letterpress inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

**Zomag** — (Dowmetal) — Photoengravers' plates. Atlantic Zinc Works, Inc., and Rolled Plate Metal Co., 210 Van Brunt St., Brooklyn 31, N. Y.

**Zomo-Electric Zinc** — Photoengravers plates. Atlantic Zinc Works, Inc., and Rolled Plate Metal Co., 210 Van Brunt St., Brooklyn 31, N. Y.

***Printing Production* Filing System**

**1960**

# Manufacturers', Suppliers' and Dealers' Index

## FOR PRINTING'S MANAGEMENT, PRODUCTION AND MECHANICAL EXECUTIVES

**○ Indicates advertiser. See Advertisers' Index, Pages B-C-D.**

**Every effort has been exerted by the compilers of this index to see that the information given herein is correct in every particular. For that reason PRINTING PRODUCTION cannot be responsible for errors or omissions. Corrected and revised December, 1959.**

## A

**Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y. Industrial humidifying and dehumidifying equipment; magnifying and reducing glasses.**

Abrams, The M. L., Co., 1841 **Prospect Ave., Cleveland 15, O.** Remanufactured machinery; **type and supplies and new machinery.**

**Accurate Steel Rule Die Mfrs.,** 22 W. 21st St., New York 10, N. Y. Steel rule dies and embossing dies, die cutting jackets.

Ace-Sycamore, Incorporated, 448 DeKalb Ave., Sycamore, Ill. Portable electric blowers for cleaning type cases, motors and presses.

**Acheson Dispersed Pigments Co.,** 1421 Chestnut St., Philadelphia 2, Pa. Inks for printing on vinyl and other flexible plastics, compounds.

**Acme Electric Heating Co., 1217** Washington St., Boston 18, Mass. Glue pots and metal melting pots.

**Acme Gear & Machine Co., Seventh and Wood Sts., Philadelphia 6, Pa. Anti-offset equipment.**

Acme Gravure Services Inc., 4001 Industrial Ave., Rolling Meadows, Ill. Etching rotogravure cylinders, including copper and chrome plating and proofing.

**Acme Printing Appliance Co., The,** 9455 Seymour Ave., Schiller Park, Ill. Sheet heaters, roller trucks, vibrating distributors, fountain dividers, perforators.

Acme Staple Co., W. Main St., Franklin, N. H. Saddle and side stapling machines, staples.

**Acme Steel Co., 135th St. & Perry Ave., Chicago 27, Ill.** Wire stitchers.

Addressograph-Multigraph Corporation, 1200 Babbitt Rd., Cleveland 17, O. Offset presses, addressing and mailing equipment.

Aetna Paper Co., Div., Howard Paper Mills, Inc., 115 Columbia St., Dayton, O. Bond, ledger book and specialty papers.

Aids Development Co., Inc., 16560 Elderdale Dr., Cleveland 30, O. Printing press fountain controls and dark room solution dispensers.

**Aigner, G. J., Co., 426 S. Clinton St., Chicago 7, Ill. Indexes, index tabs, blank index tabbing,** insertable tabs, index shields.

**○Alan Wood Steel Co., Conshohocken, Pa.** Safety steel floors for plate foundry and pressroom.

**Albany Grease Co., Linden, N. J. Lubricating equipment and supplies.**

Alemite Div., Stewart-Warner Corp., 1826 Diversey Pkwy., Chicago 14, Ill. Lubricating equipment, tachometers.

○Alico, Incorporated, Montague, **Mass. Roller stock adapters for presses to convert into ball** bearing type; infra-red stereotype mat driers; depth measuring microscope; curved microscope; curved plate checking instrument; inking roller durometers; impression gauges.

All Purpose Roll Leaf Corp., 37 W. Century Rd., Paramus, N. J. **All purpose roll leaf for stamping covers; hot die stamping foils.**

**Allied Printing & Binding Machinery Co., 3767 Chester Ave., Cleveland 14, O. New and used machinery, repairing.**

**Altair Machinery Corp., 55 Vandam St., New York 13, N. Y. Printing machinery.**

Alteneder, Theo., & Sons, 1217 Spring Garden St., Philadelphia 23, Pa. Stainless steel printing layout and platemaking measuring instruments and scales.

Aluminum Co. of America, 1501 Alcoa Bldg., Pittsburgh 19, Pa. Abrasive surface aluminum tread plates for floors and stairs, laminated foil paper.

American Automation Inc., 175 W. Jackson Blvd., Chicago 4, Ill. Single and multi-color silk screen presses.

American Blower Div. of American-Standard, 8111 Tireman Ave., Dearborn, Mich. Air conditioning equipment and supplies.

American Brass Co., The, 414 Meadow St., Waterbury 20, Conn. Copper anodes.

**American Bronzing Machine** Works, Inc., 145 Nassau St., New York N. Y. Flat bronzing machine for attachment to printing presses.

American Coils Co., Rt. 524, Lakewood Rd., Farmingdale, N. J. Unit conditioners for removing humidity; packaged chillers for press rollers.

**American Cotton Products Co., 2516 S. Damen Ave., Chicago 8, Ill. Wiping cloths.**

American Evatype Corp., 749 Osterman Ave., Deerfield, Ill. Rubber and plastic platemaking equipment; bag making equipment and supplies; box and carton equipment and supplies.

American Graphic Arts Machinery Co., Inc., 132 Nassau St., New York 38, N. Y. Machinery dealers.

**American Numbering Machine Co., Atlantic and Shepherd Aves., Brooklyn 8, N. Y. Numbering machines.**

American Perforator Div., Heller Roberts Mfg. Corp., 700 Jamaica Ave., Brooklyn 8, N. Y. Perforators.

○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass. Composing, stereotype and pressroom equipment and supplies.

American Roller Co., 1342 N. Halsted St., Chicago 22, Ill. Printers' rollers and adhesives, glue.

**American Sanitary Rag Co., 336 W. 37th St., Chicago, Ill. Wiping cloths.**

American Solder Flux Co., 19th & Willard Sts., Philadelphia 40, Pa. Fluxes for type, stereotype and electrotype metals.

American Speedlight Corp., 63-01 Metropolitan Ave., Middle Village 79, L. I., N. Y. Pulsed Xenon arc light for camera-copyboard and printing frame illumination.

**American Steel & Wire Div.,** U. S. Steel Corp., 614 Superior Ave., N.W., Cleveland 13, O. Bookbinders wire.

○American Steel Chase Co., 31-31 **—48th Ave., Long Island City 1, N. Y. Chases, saw trimmers, trucks, rules, galleys, cutters,** mitering machines.

American Tape Co., 4058 Beaufait Ave., Detroit 7, Mich. Pressure sensitive tapes.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J. Printing presses; foundry type; pressroom, bindery and composing room equipment. Branch Offices: 200 Varick St., New York 14, N. Y.; 728 Spring St., N. W., Atlanta 8, Ga.; 519 W. Monroe St., Chicago 6, Ill.; 360 Golden Gate Ave., San Francisco 2, Calif.; 273-285 Congress St., Boston 10, Mass.; 1530 E. 19 St., Cleveland 14, O.; 20 E. Ninth St., Cincinnati, O.; 604 S. Akard St., Dallas 2, Tex.; 1314 W. Ninth St., Los Angeles 15, Calif.; 207-209 N. Broad St., Philadelphia 2, Pa.; and 1931 Washington Ave., St. Louis 3, Mo. Sales Offices: Providence 3, R. I.; Rochester 4, N. Y.; Baltimore 2, Md.; Pittsburgh 12, Pa.; Washington, D. C.; Buffalo, N. Y.; Detroit 26, Mich.; Grand Rapids 2, Mich.; Toledo 4, O.; Columbus 15, O.; Indianapolis, Ind.; Louisville 2, Ky.; Chattanooga, Tenn.; Hialeah, Fla.; Richmond, Va.; Des Moines 9, Ia.; Milwaukee 2, Wis.; Minneapolis 2, Minn.; Omaha 2, Neb.; Kansas City, Mo.; Portland 5, Ore.; Seattle 4, Wash.; New Orleans, La., and in the Rocky Mountain area: A. E. Heinsohn, 1443 Blake St., Denver 2, Colo., with offices in Salt Lake City, Utah, Phoenix, Ariz., and Albuquerque, N. M.

American Wood Products & Tool Supply, 705 Montclair Ave., Edwardsville, Ill. Carbide tipped saw blades for cutting printers' metal and router bits.

○American Wood Type Mfg. Co., 42-25 Ninth St., Long Island City 1, N. Y. Wood type-rules, borders and tint blocks; stapling machines.

**American Writing Paper Corp.,** 10 Eagle-A Ave., Holyoke, Mass. Bond, ledger, bristol, book, offset, cover, parchment, postcard, mimeograph, manifold and specialty papers.

Ameurope, Incorporated, 535 Communipaw Ave., Jersey City 4, N. J. Typographic numbering machines and marking devices.

Ampress, Incorporated, 910 E. 138th St., Bronx, N. Y. Machinery dealers.

Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y. Foundry type, cylinder presses, offset proof presses, graining machines, and machinery dealers.

**Amthor Testing Instrument Co., Inc., 45 Van Sinderen Ave., Brooklyn 7, N. Y. Testing instruments and time recorders.**

○Anchor Chemical Co., Inc., 827 **Bergen St., Brooklyn 38, N. Y. Type wash, roller cleaner and detergents.**

**Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill. Trucks, folders and bundling presses, binding machinery; pressroom drying racks.**

Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex. Register table and repeat printer for photoengravers and offset platemakers.

Angle Steel, Inc., 169 Acorn St., Plainwell, Mich. Steel furniture and trucks for printing plants.

○Ansco, Div. of General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y. Photoengraving, offset and gravure film and supplies.

Apex Machine Co., 14-13—118th St., College Point 56, N. Y. Tube or rod printing machines, special printing presses for pencils and other objects, hot embossing presses; special plastic inks; rubber type.

**Appleton Coated Paper Co., 1200 N. Meade St., Appleton, Wis.** Bond, bristol, coated board and paper, cover, offset, tag, kraft, metallic and specialty papers.

A.P.S., Incorporated—See American Publishers Supply Inc.

**Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y. Gums, glues, pastes, latex cements.**

**Arbeka Webbing Co., 1135 Roosevelt Ave., Pawtucket, R. I.** Tapes and webbings for printing industry.

**Armstrong Machine Works, 847 Maple St., Three Rivers, Mich.** Steam humidifiers.

**Arnold Numbering Machine** Works, 434 S. Wabash, Chicago 5, Ill. Numbering machines; repairers of numbering machines.

Artype, Incorporated, 127 S. Northwest Hgwy., Barrington, Ill. Acetate sheets with alphabets, arrows and signs for photomechanical reproduction.

Atlantic Powdered Metals, Inc., 38 Park Row, New York 38, N. Y. Bronze and aluminum powders.

○Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, **N. Y. Zinc, copper and magnesium** photoengraving plates.

**Atlas Numbering Machine Service,** 270 Lafayette St., New York 12, N. Y. Typographic numbering machines; machinery dealers.

**Atlas Printing Equipment Co., 270 Lafayette St., New York 12, N. Y. Machinery dealers.**

Atlas Silk Screen Supply Co., 1733 Milwaukee Ave., Chicago 47, **Ill. Screen process photographic equipment and supplies.**

Atlas Sponge Co., 2520 S. Damen Ave., Chicago 8, Ill. Natural and synthetic sponges, cheese cloth and machinery wiping cloths.

Atlas Stencil Files Corp., 16716 **Westfield Ave., Cleveland 10, O.** Vertical filing cabinets and hangers for negatives, offset plates, silk screen stencils and blueprints.

**Austin Company, 16112 Euclid Ave., Cleveland 12, O. Industrial building construction engineers and designers.**

Austin, O., Div., Decalcomania **and Metal Etching Co., 225 Flatbush Ave., Brooklyn 17, N. Y. Silk screen printing machines, screens and paints; special machinery for printing vials, bottles, jars, labeling.**

Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind. Sharpens saws for printers; saw equipment and routers.

Azoplate Corporation, 558 Central Ave., Murray Hill, N. J. Presensitized offset plates.

## B

Bache, Semon, & Co., 636 Greenwich St., New York 14, N. Y. Magnifying and reducing glasses, photoengravers glass, glass graining marbles.

Bagley and Sewall Co., Div. Black Clawson, 101 Pearl St., Watertown, N. Y. Slitting and rewinding machines.

○Bahnson Company, The, 1001 S. Marshall St., Winston-Salem, **N. C. Air conditioning, steam humidifiers.**

Baird, Harry, Corp., 114 W. Kinzie St., Chicago 10, Ill. Copyfitting system.

Baker Industrial Trucks, Div. Otis Elevator Co., 8000 Baker Ave., Cleveland 2, O. Gas and electric fork trucks, platform trucks, electric cranes.

**Balata, Victor, & Textile Belting Co., 53 Park Place, New York 7, N. Y. Press tapes, motor and conveyor belting.**

Baldwin, James L., Co., 1551 W. Thomas St., Chicago 22, Ill. Belt conveyor system for carrying copy and proofs.

Balemaster Div., East Chicago Machine Tool Corp., 4801 Railroad Ave., East Chicago, Ind. Waste paper balers.

Baltimore Type and Composition Corp., 15 Frederick St., Baltimore 2, Md. Foundry type, borders and rule.

**Bancroft, Ralph, Co., 324 Fifth Ave. S., Minneapolis 15, Minn. Slug-high sinkers.**

**Banthin Engineering Co., 1849 Main St., Bridgeport 4, Conn.** Letterpress cylinder press and offset press.

Bar-O-Type Corporation, 400 Lakeside Ave., Cleveland 13, O.—Display caster.

**Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn. Line-up, makeready tables, jackets for press die cutting and fountain dividers; deep etch tables, darkroom inspection light, score cutting machine.**

Bar-Rack Company, 595 Reed Ave. Akron 1, O. Floor rack for temporary storage of slotted eye type metal pigs.

**Barager, M. E., Co., 6523—20th Ave., N. E., Seattle 15, Wash. Typesetting machinery, parts and supplies.**

**Barco Type Founders, 64 Wagner, Northlake, Ill. Type and lockup material.**

**Barnhard Printers Supply Co., 7-13 Governor St., Newark 2, N. J.** Machinery dealer.

Barrett-Cravens Company, 630 Dundee Rd., Northbrook, Ill. Paper and case handling trucks.

**Bauer Alphabets, Inc., 235 E. 45th St., New York 17, N. Y.** Foundry type, metal furniture.

Bauer Presses, Inc., 235 E. 45th St., New York 17, N. Y. Reproduction proof press dealer.

○Baum, Russell Ernest, Inc., 1540 Wood St., Philadelphia 2, Pa. Folding machines; feeders and presses.

Baumgardner, H. K., Inc., 1909 Euclid Ave., Cleveland 15, O. Machinery dealers.

**Bausch & Lomb Optical Co., 651 St. Paul St., Rochester 2, N. Y. Magnifiers and microscopes; paper testing instruments.**

Beacon Machinery, Inc., 31st and Tudor Sts., P.O. Box 188, East St. Louis 17, Ill. Dock ramps, hydraulic stock lift tables, mailing and shipping conveyors and other materials handling equipment.

Beall, Jack, Vertical Service, Inc., 641 S. Dearborn St., Chicago 5, Ill. Transfer table, service and accessories for Miehle Vertical press.

**Beard Newsprint & Warehouse Co., Inc., 8761 Fulton St., Detroit 9, Mich. Aluminum alloy stereotype chases, form tables.**

**Beck, Charles, Machine Corp., 42 Church Rd., King of Prussia, Pa.** Press sheet cutter, slitters and rewinders, knotting, looping and stringing machines.

**Beck Engraving Co., Inc., Seventh and Sansom Sts., Philadelphia 6, Pa.** Rotogravure cylinder, sleeve and platemaking for the trade.

**Becker Bros. Carbon Co., 3450 S. Laramie Ave., Cicero 50, Ill.** Carbon and graphite products for the printing industry.

**Becker Bros. Engraving Co., 103 Lafayette St., New York 13, N. Y.** Brass dies and stamps for bookbinders and gold stampers.

Bemis Bro. Bag Co., 408 Pine St., P.O. Box 133, St. Louis 2, Mo. Aprons, bags, drop cloths, and binding twine.

**Bendix Aviation Corp., Cincinnati Div., 3130 Wasson Rd., Cincinnati 8, O.** Electronic viscometer for automatically controlling additional solvent added to ink reservoirs in gravure and flexographic printing and in lacquer coating.

Bensing Bros. and Deeney, Sub of Sun Chemical Corp., 3301 Hunting Park Ave., Philadelphia 29, Pa. Letterpress, offset, rotogravure and flexographic inks.

Berkley Machine Co., 819 E. 19th St., Kansas City 8, Mo. Presses, machinery dealers.

**Berlin & Jones Co., 601 W. 26th St., New York 1, N. Y. Envelope, card counting and banding machines, envelope press.**

**Berry Machine Co., 716 N. First St., St. Louis 2, Mo. Round hole cutting machines, paper lifts attached to presses, pneumatic book presses.**

Best, Edward H., & Co., 210 Lincoln St., Boston 5, Mass. Printing press blankets.

**Better Packages, Inc., Plant No. 2, 255 Canal St., Shelton, Conn. Labeling and sealing tape machines.**

○Beveridge Paper Co., New Products Div., 705 W. Washington St., Indianapolis 4, Ind. Blotting, bristol and specialty paper stocks; makers of stereotype mats.

Bijur Lubricating Corp., 151 W. Passaic St., Rochelle Park, N.J. Automatic machine lubricating equipment and supplies.

Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.; 521 Cherry St., Philadelphia 6, Pa.; 131 Colvin St., Baltimore 2, Md.; 980 Hudson St., Rochester 5, N. Y.; Brown St., & Lister Ave., Newark 5, N. J.; South Avenue, Garwood, N. J. Printing press rollers, glues, padding compounds, roller coating machine.

**Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill. Plants at: Atlanta 3, Ga., 274 Trinity Ave., S.W.; Cleveland 14, O., 1432 Hamilton Ave.; Dallas 1, Tex., 1310 Patterson Ave.; Des Moines 2, Ia., 1025 W. Fifth St.; Detroit 10, Mich., 4391 Apple St.; Houston 6, Tex., 2702 W. Dallas Ave.; Indianapolis 25, Ind., 629 S. Alabama St.; Kalamazoo 12, Mich., 223 W. Ransome St.; Kansas City 6, Mo., 706 Baltimore Ave.; Minneapolis 15, Minn., 900 S. Third St.; Nashville 3, Tenn., 911 Berryhill St.; Oklahoma City 6, Okla., 1213 Linwood Blvd.; Pittsburgh 3, Pa., 88 S. 13th St.; St. Louis 2, Mo., 514 Clark Ave.; Springfield, O., East & Harrison Sts.; Milwaukee, Wis., 3148 N. 31st St.; St. Paul 1, Minn., 318 Minnesota St.; Tampa 5, Fla., 507-509 N. 22nd St. Printers rollers; fabric covered, rotogravure, offset, varnish lacquer and graining rollers; roller coating machine.**

Binney and Smith Co., 380 Madison Ave., New York 17, N. Y. Carbon blacks, bone blacks and oxides of iron for ink manufacturing industry.

Bishop Stansell Co., P.O. Box 35, W. Carrollton, O. Systems for relieving electrotype and stereotype flat and curved plates and for solidifying electrotypes.

○Booth, E. A., Rubber Co., 2855 Scarborough Rd., Cleveland Heights 18, O. Cement for holding cuts on bases.

Bostitch, Incorporated, East Greenwich, R. I. Wire stitchers, staples and stapling machines.

Bourges Color Corp., 80 Fifth Ave., New York 11, N. Y. Color separation process and shading sheets for photoengravers and offset platemaking.

**Bowers Printing Ink Co., 2655 W. Irving Park Rd., Chicago 18, Ill.** Letterpress and offset printing inks, compounds, varnishes, driers.

**Bowser, Incorporated, 1302 E. Creighton Ave., Ft. Wayne 2, Ind.** News ink pumping system.

Boyd, H. S., Co., 6915 E. 14th St., Tulsa, Okla. Perforating rule and backing for offset and letterpresses.

**Brackett Stripping Machine Co., 505 Jackson St., Topeka, Kan.** Jogging, tipping, scoring, forming, gussetting and stripping machines.

Braden Sutphin Ink Co., The, 3650 E. 93rd St., Cleveland 5, O. Letterpress and offset inks, varnishes and driers.

○Brandtjen & Kluge Inc., 653 Gaultier, St. Paul 3, Minn. Automatic platen presses and feeders, die cutting and embossing presses.

Braznell Company, 5215 Manchester Ave., St. Louis 10, Mo. Letterpress, gravure and offset inks.

Brett Guard Co., Flatbush Indus. Terminal Bldg., 3611 — 14th Ave., Brooklyn 18, N. Y. Plastic saw-trimmer guard.

**Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.** Photoengravers supplies, machinery, metals, chemicals and equipment. Branch offices: 287 Atlantic Ave., Boston, Mass.; 525 W. 33rd St., New York, N. Y.; 900 N. Franklin St., Chicago, Ill.; 1051 Power Ave., Cleveland, O.

○Brightype Div., Central Publishing Co., Inc., 401 N. College Ave., Indianapolis 2, Ind. Service for conversion of letterpress forms, color process plates, pasteups or proofs to film or photo paper ready for platemaking.

Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn. Temperature and humidity control and recording devices.

○Brooks & Perkins, Inc., Magplate Div., 1950 W. Fort St., Detroit 16, Mich. Photoengraving magnesium; magnesium backup plates and saddles; chrome plating and curving service.

Brown, L. L., Paper Co., Commerical St., Adams, Mass. Manufacturers of ledger, machine posting, index bristols, resistalls, bonds, linens, typewriter, envelope and manuscript cover papers.

**Brown-Bridge Mills, Inc., E. Water St., Troy, O. Gummed papers.**

Brown Folding Machine Co., 3771 Chester Ave., Cleveland 14, O. Folding machines.

Brown & Sharpe Mfg. Co., 230 Promenade St., Providence 1, R. I. Paper gauge micrometer and tools for the printing machinist.

**Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill. Offset and photoengraving platemaking equipment.**

Bruning, Charles Co., Inc. Mt. Prospect, Ill. Equipment for proofing phototypeset and photocomposed matter.

Buhler Brothers, Inc., 130 Coolidge Ave., Englewood, N. J. Flat bed rotary printing press for newspapers; machinery dealer.

**Bunn, B. H., Co., 7605 Vincennes Ave., Chicago 20, Ill. Tying and bundling equipment.**

Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill. Stereotype dry mats, stereotype equipment and supplies.

**Burrage Glue Co., 15 Vandewater St., New York 38, N. Y. Padding and bookbinding glue.**

Busch, J. C., Co., 17 W. 54th St., New York 19, N. Y. Paper stack inverter.

Business Forms Equipment Co., 4036 N.E. Portland Bldg., Portland 11, Ore. Business forms rotary press.

ByChrome Company, Inc., P.O. Box 1077, Columbus 16, O. Step and repeat machine; screen tints.

## C

**Cady, E. J., & Co., 630 N. Harlem Ave., River Forest, Ill.** Paper testing instruments, basis weight scales.

**California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.** Printing inks; offset, photoengraving and stereotype equipment; chemicals and supplies; rollers, blankets, mats; cameras, plates and film.

**Callaway Mills, 295 Fifth Ave., New York 16, N. Y. Wiping cloths.**

○Cambridge Instrument Co., Inc., 3546 Grand Central Terminal, New York 17, N. Y. Gauges and testing instruments.

Cameron Machine Co., Franklin Rd., Dover, N. J. Photoelectric side register control for web presses, slitters and other roll processing machines.

Canada Printing Ink Co., Ltd., Brockhouse Rd., Etobicoke, Box 265—Postal Station N, Toronto 14, Ont., Can. Letterpress, offset and flexographic and rotogravure inks.

Cantine, Martin, Co., Saugerties, N. Y. Coated and specialty papers; coated paper inks; mechanical chalk overlay system.

○**Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md. Portable color ink fountains for newspaper printing presses; rewinding equipment; core strippers.**

**Capitol Printing Ink Co., Inc., 806 Channing Pl., N. E., Washington 18, D. C. Letterpress and offset inks.**

○Caprock Developments, 165 Broadway, New York 6, N. Y. Contact screens for lithographers, engravers, silk screen work.

**Carlson Company, The, 15 Hathaway St., Boston 10, Mass. Sheet registering device for Miehle Vertical.**

○Carlson, Cheseley F., Co., 2240 Edgewood Ave., Minneapolis 26, Minn. Stereotype chase, plate finishing machine, classified advertising rack; photocomposing machine, vinyl mask material.

**Carlson, John P., Inc., 420 Carroll St., Brooklyn 15, N. Y. Letterpress, offset and water color inks.**

Carmichael Blanket Co., 1151 Oxford Rd., N.E., Atlanta 6, Ga. Blankets for printing presses.

Carrier Corporation, Carrier Pkwy., Syracuse 1, N. Y. Air conditioning apparatus.

Casey's, Roger, Newspaper Service Co., 425 S. Fifth St., Minneapolis 15, Minn. Special matrices for casting machines, Linotype machinists tools.

Caxton Printers Supply Co., 410 Caxton Bldg., 812 Huron Rd., Cleveland 18, O. Machinery dealers; supplies, appraisals, counseling, plant layout.

○Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill. Conditioners for letterpress and offset inks.

○Central Newspaper Installations, Inc., 575 Washington St., New York 14, N. Y. Machinery movers and installers.

Central States Printing Equipment Co., 1330 Deloss St., Indianapolis 3, Ind. English paper cutters.

Central Trade Plant of Grand Rapids, 15 Lyon St., N.E., Grand Rapids 2, Mich. Composing room equipment, offset and letterpress inks and supplies, foundry type; machinery dealers.

Central Typesetting Co., 1016 Cherry St., Philadelphia 7, Pa. Solution for preventing metal adhesions on linecasting molds.

○Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y. Syndicate and newspaper dry mats for cold molding; mats for hot molding; stereotype equipment and supplies.

○Challenge Machinery Co., The, 19 N. First St., Grand Haven, Mich. Proof and printing presses, paper cutters, paper drillers and punches, knives, cabinets, iron furniture, etc.

Chalmers Chemical Co., 123 Chestnut St., Newark 5, N. J. Type wash.

○Chambersburg Lumber Co., College and Scotland Aves., Chambersburg, Pa. Feed boards, cutting sticks, matrix cabinets and other wood accessories.

Champion Manufacturing Co., 824 N. Caldwell St., Charlotte 6, N. C. Padding press and adhesives.

**Champion Paper & Fibre Co., The, 601 North B. St., Hamilton, O. Coated paper, bond, bristol cover, offset, postcard, envelope, tag, mimeograph and specialty papers.**

Champlain Company, Inc., Harrison Ave., Roseland, N. J. Roll fed letterpress, flexographic and gravure printing presses; slitters and rewinders; embossing presses; tabulating card presses.

○**Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.** Printing presses and paper cutters.

**Chandler Sales & Service Co., 245 Seventh Ave., New York 1, N. Y. Tag stringing and tying machines.**

**Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis, 10, Mo.** Metal and paper cutting equipment and supplies; machinery dealers.

○**Chemco Photoproducts Co., Inc.,** Charles St., Glen Cove, N. Y. Cameras, films, chemicals and photoengraving equipment and supplies.

Chemical Fine Paper & Board Div., Standard Packaging Corp., 642 Main St., Holyoke, Mass. Bristols, book, bond, cover, coated board, manifold, and specialty papers.

○Cheshire, Incorporated, 1644 N. Honore St., Chicago 22, Ill. Automatic and hand fed mailing machines operating from roll strip labels for magazines, newspapers, folders and cards; tip-on and counter stacker machines, labeling adhesive.

Chicago Box Machine Works, Inc., 1810 W. Grand Ave., Chicago 22, Ill. Box and carton equipment and supplies; machinery dealers.

**Chicago Machinery Laboratory,** Inc., 6200 W. 60th St., Chicago 38, Ill. Book sewing machines; machinery dealers, mailing machines, trimmers, folders, labeling machine.

Chicago Steel & Wire Co., 10257 **Torrence Ave., Chicago 17, Ill. Bookbinding and boxmaking wire.**

**Clark Equipment Co., Industrial** Truck Div., 24th St., Battle Creek 151, Mich. Newsprint roll and materials handling equipment.

Cleveland Printing Ink Co., Inc., 1260 W. Fourth St., Cleveland 13, O. Letterpress and offset inks.

Climax Manufacturing Co., 1025 E. Chestnut St., Santa Ana, Calif. Machine for drilling, slitting, slotting and round cornering.

Cling-Surface Company, 1032-48 Niagara St., Buffalo 13, N. Y. Belt dressing.

**Clipper Belt Lacer Co., 974 Front** Ave., N. W., Grand Rapids 2, Mich. Lacing equipment for belts and tapes of all kinds, including printing press tapes.

Coes Knife Co., 72 Coes St., Worcester 3, Mass. Knives.

Collamatic Corporation, State Hwy. No. 23, Wayne, N. J. Gathering and collating equipment.

**Color Engravers Div., Publication** Corp., 1224 W. Van Buren St., Chicago 7, Ill. Gravure platemakers to the trade.

Colora Printing Inks, Inc., 42-12 —35th Ave., Long Island City 1, N. Y. Flexographic ink and thermoplastic sealing medium.

Colorgraph Process Co., 241 E. Illinois St., Chicago 11, Ill. Method of producing prints in multicolor from a single black or color halftone or line etching.

Columbia Wiping Cloth Co., 1720 Wabash Ave., Kansas City 1, Mo. Wiping cloths.

Colwell Litho Products, Inc., 316 **Chicago Ave., Minneapolis 15, Minn. Vacuum printing frames** and stripping and opaquing table for offset platemaking.

Compactor Manufacturing Co., 1610 W. Springfield Ave., Champaign, Ill. Winders for Teletypesetter tape.

Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill. Machinery dealers; offset presses and cylinder letterpresses; paper cutters; cameras, equipment and supplies for all photomechanical processes.

**Consolidated Water Power & Paper** Co., Wisconsin Rapids, Wis. Machine coated book, offset, rotogravure and cover.

**Continental Printing Equipment** Co., 1402 N. Western Ave., Chicago 22, Ill. Static tinsel with copper wire center for eliminating static on printing presses; machinery dealer.

○Cook's, Adam, Sons, Inc., 5 N. Stiles St., Linden, N. J. Lubricants.

Coolant Equipment Corp., Verona Ave., Verona 6, Wis. Ink drum carrier with pump for filling press fountain and for transporting drums of ink and other liquids.

Cooper, Peter, Corps., Palmer St., Gowanda, N. Y. Bookbinding and paper box adhesives; specialty adhesives; dry and liquid animal glues.

○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y. Press and stereotype blankets, drawsheets, cutting knives and cutting rubbers; galleys and locks; static eliminators; offset flannels; magnifying and reducing glasses; belts, rubberized tape; numbering machines; composition rollers.

Cosom Engineering Corp., 6012 Wayzata Blvd., Minneapolis 16, Minn. Press for printing odd shaped objects with letterpress or flexographic inks.

Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I. Web and sheet fed rotary magazine presses; gravure and web fed offset presses; electrotype platemaking equipment; box, carton and bagmaking equipment and supplies.

Counter and Control Corp., 4503 W. Brown Deer Rd., Milwaukee, Wis. Tab or ticket inserter for printing presses and other printing equipment having horizontal pile delivery.

**Cowan Pressroom Products, Inc.,** 1651 Cosmo, Hollywood 28, Calif. Perforating, scoring and slitting attachments for cylinder presses; ink roller truck.

**Coyne & Paddock, Inc., 40-09—** 21st St., Long Island City 1, N. Y. Cork and rubber blankets.

Crabtree, R. W., & Sons (Canada) Ltd., 629 Adelaide St. W., Toronto 1, Ontario, Can. Newspaper, offset and rotogravure printing presses; stereotype and electrotype platemaking equipment.

**Craftint Manufacturing Co., The,** 1615 Collamer Ave., Cleveland 10, O. Shading medium for photomechanical reproduction.

**Craftsman Line-Up Table Corp.,** 49 River St., Waltham 54, Mass. Lineup and register tables and stripping tables.

Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass. Printing and embossing presses, paper cutters; machinery dealers and repairers.

Craig Corporation, 143 W. 20th St., New York 11, N. Y., Dry spray offset preventing device.

Cramer Controls Corp., 100 Saybrook Rd., Centerbrook, Conn. Electrical timers.

Cramer Dry Plate & Film Co., The, 1835 Shenandoah Ave., St. Louis 4, Mo. Plates, films, supplies for gravure, offset, photoengraving and all other photomechanical processes.

**Crawford, E. A., Co., P. O. Box** 2216, Edgewood Sta., Providence 5, R. I. Consulting, research and machine design service.

**Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.** Rounding, backing machines and board beveling machines for bookbinders; paper cutters.

Crescent Ink & Color Co. of Pa., Inc., 464 N. Fifth St., Philadelphia 23, Pa. Letterpress, offset, metal decorating, flexographic inks, varnishes and driers.

Crocker, Burbank Papers, Inc., 545 Westminster St., Fitchburg, Mass. Book, coated, offset, rotogravure and specialty papers.

Crocker - McElwain Co., Div. Chemical Paper Mfg. Corp., Holyoke, Mass. Bonds, covers, drawings, folding boxboard, ledgers, offset, onion skins and writings.

Cromwell Paper Co., The, 180 N. Wabash, Chicago 1, Ill.; 1000 Nottingham Way, Trenton, N. J. Tympan and layout paper.

Cronite Company, Inc., 8070 Hudson Blvd., North Bergen, N. J. Steel die stamping presses.

Crosfield Electronics, Inc., 47 New York Ave., Westbury, N. Y. Electronic devices for maintaining register in presswork; preprinted web insetter for magazine and newspaper presses.

**Crown Engineering and Sales Co.,** 421 Hill St., Harrison, N. J. Daylight type lighting fixtures for color matching.

Cummington Corporation, 718 Beacon St., Boston 15, Mass. Multiple station gathering machines; postal scales.

Curlesaw, Incorporated, 1725 Maple St., Los Angeles 15, Calif. Slug corrector for attachment to linecomposing machines; parts and factory rebuilding service.

**Curtis Laboratories, Inc., 2718 Griffith Park Blvd., Los Angeles 27, Calif. Color analyst for analyzing color in paper separation prints.**

Curtis Paper Co., Newark, Del. Text, cover, rag book, greeting card stock and specialty papers.

○Cutler-Hammer, Incorporated, 315 N. 12th St., Milwaukee 1, Wis. Electric switch and control systems for printing machinery; newspaper conveyors.

## D

Daily, Bert L., Inc., 126 E. Third St., Dayton 2, O. Silk screen supplies.

Damon & Peets, Inc., 56 Beekman St., New York 38, N. Y. Machinery dealers.

Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 **Ryerson St., Brooklyn 5, N. Y. Offset and/or relief printing presses; offset platemaking supplies; folding machines.**

Davidson Perforator Co., 319 Main St., East Berlin, Conn. Perforator, slitter, scorer and snapout attachments for presses, collating machines, special packaging machines, saddle stitching machines, pad counters, slitting and rewinding equipment, perforating machines.

Davis, W. F., Consultants, P.O. Box 179, Hightstown, N. J. Management planning, surveys, equipment valuations, plant planning, special and printing equipment engineering for publication, packaging, business forms, and converting industries.

Dawson Corporation, The, P.O. Box 52, Pelham, New York. Equipment for plating copper and steel dies.

Day, The J. H., Co., Div. of Cleveland Automatic Machine Co., 4932 Beech St., Cincinnati 12, O. Ink mills and mixers.

Dayton Envelope Co., Div. Howard Paper Mills, Inc., 115 Columbia St., Dayton 7, O. Envelopes.

○Dayton Rubber Co., The, Dayco Div., 2342 W. Riverview Ave., Dayton 1, O. Rollers for offset, letterpress, newspaper, corrugated boxboard, gravure, flexography, and graining; offset blankets, color separators and fountain dividers.

deFlorez Company, Inc., The, 200 Sylvan Ave., Englewood Cliffs, N. J. Development and designing engineers for special paper handling, converting, printing and bindery machinery.

Dennison Manufacturing Co., 300 Howard St., Framingham, Mass., Gummed and metallic coated papers; tags and decal papers.

**Dependable Compressor & Machine** Co., 157 W. 21st St., New York 11, N. Y. Screen process press.

Deskfinder Company, The, P.O. Box 337, Costa Mesa 1, Calif. Press for imprinting Christmas cards, diplomas, calendars and specialties.

**Deublin Company, 1155 Waukegan** Rd., Glenview, Ill. Rotating water joints for webfed presses.

Dexter Company, The, Div. Miehle-Goss-Dexter Inc., 2011 Hastings St., Chicago 8, Ill. Folding machines, sheet feeders, inserting machines, bundling presses and trimmers and stitching machines.

Diamant Typographic Service, Inc. 140 W. 17th St., New York 11, N. Y. Hand inking device for platen and proof presses.

**Diamond Printing Machinery Co., 3067 E. 61st St., Cleveland 27,** O. Machinery dealers; machinery movers and erectors.

**Dick Mailer Co. The, 137 W. Tupper St., Buffalo 1, N. Y. Mailing machines.**

Dickerson, Robert W., Architect, 2063 E. Fourth St., Cleveland 15, O. Newspaper and printing plant engineering and architectural service.

○Didde-Glaser, Incorporated, 50 Highway and W. 12th Ave., Emporia, Kan. Automatic machine for gathering and gluing multiple sets of business forms and for use as a straight collator.

**Dietz Machine Works, 126 W.** Fontain St., Philadelphia 22, Pa. Flexographic printing press for attaching to converting machines; rotary paper cutters; slitters and rewinders; folding machines; embossing machines; gluing and pasting equipment.

Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y. Kohler System equipment consisting of pasters, winders, reels; offset and flexographic presses; fountains.

Di-Noc Chemical Arts, Inc., 1700 London Rd., Cleveland 12, O. Non-shrinking photographic film.

Dirats Photo Plate Co., Inc., 181 Notre Dame St., Westfield, Mass. Presensitized photoengraving plate; powderless etching machine.

Direct-Image Offset Corp., 1740 Ridge Ave., Evanston, Ill. Direct image offset plates.

Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa. Paper cutter knives.

Diversey Corporation, The, 1820 Roscoe, Chicago 13, Ill. Type washes.

Dixie Type & Supply Co., Inc., 930 N. Sixth Ave., Birmingham 1, Ala. Stevenson furniture and rule molds; machinery dealers.

Dixon, Joseph, Crucible Co., 167 Wayne St., Jersey City, 3, N. J. Graphite and graphite products.

Dixon, Loyal S., Co., 11164 Saticoy St., Sun Valley, Calif. Newspaper press erectors; machinery dealers.

DoAll Company, The, 254 N. Laurel Ave., Des Plaines, Ill. Band saws for binderies, electrotypers, photoengravers and stereotypers.

Dollahite, K. J., Co., 106 W. 15th St., Ft. Worth 2, Tex. Portable padding rack, stripping machine, proof presses, paper cutter angle gauge, steel impoeing surface and table.

Dom, G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O. Supplies for engravers, electrotypers, lithographers and stereotypers.

**Douthitt Corporation, The, 680 E.** Fort St., Detroit 26, Mich. Gravure, offset, photoengraving, stereotype, pressroom, silk screen equipment and supplies.

○Doven Division, Appleton Machine Co., 618 S. Oneida St., P.O. Box 468, Appleton, Wis. Printing press conversions for hot spot carbonizing; slitting machines, magnesium for mounting plates.

Dow Chemical Co., Midland, Mich. Thermoplastic coatings; process for etching magnesium photoengravings.

○**Doyle, The J. E., Co., 1220 W.** Sixth St., Cleveland 13, O. Infra-red driers, vacuum paper cleaners, static eliminating spray, Johnson gas burner, Doyle-Allen ink distributor, composition transfer table for Miehle Vertical press.

Driscoll, Martin. & Co., 610 S. Federal St., Chicago 5, Ill. Inks for letterpress, offset, gravure, flexography, metal decorating and silk screen; varnishes; driers; offset chemicals.

Dri-Stain Products Co., 3421 Colfax Ave. A, Denver 6, Colo. Process for making linecomposing machine matrix reference characters easily readable.

**Dryer Electric Corp., 111 Bedford** Ave., Brooklyn 11, N. Y. Letterpress and offset web press ink drying equipment.

**Du Pont, E. I., de Nemours &** Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del. Impregnated bookbinding cloth, type, blanket and roller solutions, lacquers, varnishes and enamels; photomechanical films.

**Durant Manufacturing Co., 1958** N. Buffum St., Milwaukee 1, Wis. Press and folder counters, photo-electric control units.

**Durbrow & Hearne, Inc., 12** Wooster St., New York 13, N. Y. Bookbinding and stereotyping machinery and supplies.

Durol Company, Inc., P.O. Box 335, New Paltz, N. Y. Engravers' staging ink.

**Duryea Products Co., Inc., 168 Rockland Ave., Woonsocket, R. I.** Type washes, woven belts and belt dressing.

Dutro, Orville, & Son, Inc., 117 W. Ninth St., Los Angeles 15, Calif. Rotogravure and letterpress specialty presses; die-cutting presses; designers of printing machinery.

## E

**Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y.** Photoengraving, offset and gravure platemaking supplies; machinery dealers.

**Eastern Lithoplate, Inc., P.O. Box 1232, Joliet, Ill.** Presensitized plates for offset printing.

O**Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.** Stereotype, composing room and pressroom equipment and supplies.

**Eastman Kodak Co., 343 State St., Rochester 4, N. Y.** Photoengraving, offset and gravure equipment and supplies.

**Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.** Molded rubber printing plates and process materials.

**Economy Baler Co., 1254 N. Main St., Ann Arbor, Mich.** Waste paper balers.

Economy Engineering Co., 4511 W. Lake St., Chicago 24, Ill. Paper handling trucks.

**Economy Novelty & Printing Co., 244 W. 39th St., New York 18, N. Y.** Printers aprons, line gauges, steel tapes.

**Economy Printers Products Co., 609 S. LaSalle St., Chicago 5, Ill.** Machinery dealers; copper tinsel for eliminating static.

Ecusta Paper Div., Olin Mathieson Chemical Corp., Pisgah Forest, N. C. Bond, specialty, Bible, makeready and tissue papers.

**Edes Manufacturing Co., Water St., Plymouth, Mass.** Photoengravers' zinc, brass, magnesium and copper plates.

**Einnehmer & Taylor, Inc., 228 E. 45th St., New York 17, N. Y.** Machinery dealers.

**Eico Typographic Service, 161 Dueber Ave., S. W., Canton 6, O.** Copyfitting gauge.

Electric Eye Equipment Co., 1938 E. Fairchild St., Danville, Ill. Rotary press electronic color register control; platemaking timing devices; press drives.

**Electric Heating Co., 8616 Madison Ave., South Gate, Calif.** Metal pots, remelting furnaces, metal trucks, feeders, metal temperature controls.

Electro-Coatings, Incorporated, 9530 Ainslie, Schiller Park, Ill. Plating of all kinds for printing plates and machinery parts.

Electro-Copyst, Incorporated, 205 E. 42nd St., New York 17, N. Y. All-electric hydraulic rubber and plastic plate molding machine.

**Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.** Light integrator for cameras, photocomposing machines, printing frames, camera and enlarger shutters.

**Electronic Products Div., Post Machinery Co., 150 Elliott St., Beverly, Mass.** Totalizing and present electronic high speed counters for any counting purpose.

Elgrama Sales Co., La Salle, Ill. Electronic engraving machine for making printing plates.

O**Elwell-Parker Electric Co., 4205 St. Clair Ave., Cleveland 3, O.** Paper handling trucks.

**Embosograf Corp. of America, 38 W. 21st St., New York 10, N. Y.** Raised letter printing machines and supplies.

Embossograph Process Co., Inc., 3720—14th Ave., Brooklyn 18, N. Y. Embossing presses, heaters, compounds and inks for producing raised letter printing.

Empco Manufacturing Co., 929 Atlantic Ave., Atlantic City, N. J. Proportioning rule for calculating enlargement or reduction of type and photographic copy.

O**Empire Laboratories, Inc., 509 W. 56th St., New York 19, N. Y.** Cold and hot enamel for photoengravers.

Empire Type Foundry, 55 N. Main St., Delevan, N. Y. Foundry type and borders; electrotyping equipment and supplies, special news black ink.

Equipto, 401 S. Highland, Aurora, Ill. Steel storage racks, cabinets and stands, trucks, tables, lockers.

Esleeck Manufacturing Co., Canal St., Turners Falls, Mass. Manifold paper, onion skin.

Esrever Distributors, 1037 W. 22nd St., Los Angeles 7, Calif. Reproduction proof drier cabinet with infra-red lamp and inks.

Evans Specialty Co., Inc., 2401 Venable St., Richmond 23, Va. Gathering racks and tables.

**Ever Ready Machinists, Inc., 137 W. 19th St., New York 11, N. Y.** Hand lever cutter, steel chases; machinery dealers.

Ewald, L., Co., 14359 Bessemer St., Van Nuys, Calif. Linecomposing machine plunger cleaner and pot crucible well brush.

## F

**Fairbanks Company, The, 393 Lafayette St., New York 3, N. Y.** Composing room and paper handling trucks.

O**Fairchild Graphic Equipment, Inc.,** Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y. Electronic direct photoengraving machine; teletypesetter keyboard operating units and tape perforators for linecomposing machines; color separation machine.

Falco Corporation, 29-05—120th St., Flushing 54, N. Y. Rebuilt printing equipment.

Fasson Products, 250 Chester St., Painesville, O. Pressure sensitive paper.

Fastener Corporation, C. B. Nelson Co. Div., 3702 River Rd., Franklin Park, Ill. Saws, machinery repairs, special machinery; staples and stapling machines.

Fate-Root-Heath Company, Grinder Div., 234 High St., Plymouth, O. Knife grinders.

Federal Adhesives Corp., Sub. Morningstar-Paisley, Inc., 210 Wythe Ave., Brooklyn 11, N. Y. Bindery glues and paste.

Federated Metals Div., American Smelting and Refining Co., 120 Broadway, New York 5, N. Y. Type, electrotype and stereotype metal and fluxes and supplies. Branches in 26 principal cities across the country.

**Felters Company, The, 210 South St., Boston 11, Mass.** Vibration eliminating material.

**Fenwal, Incorporated, Pleasant St., Ashland, Mass.** Thermostatic heat control switches for linecomposing machines and stereotype metal pots.

Fergusson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa. Composition and dampener roller wash and blanket cleaner, chemicals, solutions.

Filmotype Corporation, 7500 McCormick Blvd., Skokie, Ill. Letter-by-letter photographic type composing machine and alphabets.

Firewel Company, Inc., 3685 Broadway, Buffalo 25, N. Y. Waste paper balers.

Fisher Scientific Co., 711 Forbes St., Pittsburgh 19, Pa. Wax-like pencils for indicating temperature.

O**Fisk Industries, 136 W. 46th St.,** New York 36, N. Y. Linecomposing machine tools.

O**Flint Ink Corp., 2546 Clark Ave.,** Detroit 9, Mich. Letterpress, offset and gravure printing ink. Branches: 2546 Clark Ave., Detroit 9, Mich.; 663 Greenwood, N.E., Atlanta, Ga.; 3905 W. 150th St., Cleveland, O.; 2544 Irving Blvd., Dallas, Tex.; 2600 W. Eighth Ave., Denver, Colo.; 6404 Chrysler Bldg., New York, N. Y.; 1041 S. Jefferson Davis Pkwy., New Orleans, La.; Bennington, Vt.; 700 S. Fourth St., Minneapolis, Minn.; 1000 E. Vermont St., Indianapolis, Ind.; 6100 Avalon Blvd., Los Angeles, Calif.; 1010 Lockwood Dr., Houston, Tex.; 2501 Southwest Blvd., Kansas City, Mo.; 16th and Gardner Rd., Broadview, Ill.; 5409 Highway Ave., Jacksonville, Fla.

**Florence Pipe Foundry and Machine Co., Front St., Florence, N. J.** Bodies for printing press plate, gravure, ink feed, fountain and impression cylinders.

Forbes Ink, Inc., 2249 Elm St., N.W., Cleveland 13, O. Inks and ink specialties.

O**Force, Wm. A., & Co., Inc., 216 Nichols Ave., Brooklyn 8, N. Y.** Typographic and press numbering machines.

Foster, F. B., 57 Riverside Ave., Riverside, Conn. Consultant for tape operation of linecasting machines.

**Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa.** Galleys and galley cabinets; offset negative and plate cabinets, galley transfer trucks, Linotype and Intertype magazine racks, makeup tables, lineup and stripping tables.

Foto-Graphic Products Co., 2701—14th Ave., S., Minneapolis, Minn. Reproduction letters; machinery dealer.

**Foto-Riter Company, 63 S. 13th St., Minneapolis 3, Minn.** Photolettering machine.

Fototype, Incorporated, 1414 W. Roscoe St., Chicago 13, Ill. Alphabetical letters printed on cardboard for offset, letterpress, and silkscreen reproduction.

**Fox River Paper Corp., 401 S. Appleton St., Appleton, Wis.** Bond, ledger and onion skin papers.

**Franklin Manufacturing Corp., 692 Pleasant St., Norwood, Mass.** Special alloy type for stamping leather, pencils, etc., automatic roll feed gold stamping embossing machine, gold leaf and colored foil.

**Franklin Printers Supply Co., 608 Cherry St., Philadelphia 6, Pa.** Machinery dealers.

**Fraser Paper, Ltd., 420 Lexington Ave., New York 17, N. Y.** Bond, ledger, mimeograph, duplicator, offset, manifold, and safety paper; paper specialties.

Freedman, Olin E., 201 E. Walton Pl., Chicago 11, Ill. Consultant to management in the Graphic Arts and allied industries.

Friden, Incorporated, San Leandro, Calif. Automatic justifying typewriters.

**Frostad Engineering Co., 3037 S. Wentworth Ave., Milwaukee 7, Wis.** Flexographic specialty printing presses for printing tapes, cellophane, wraps and tickets.

**Fuller, E. C., Co., 28 Reade St., New York 7, N. Y.** Bookbinding machinery; repairs and rebuilds bindery machinery.

## G

**Gaebel, Arthur H., Inc., P. O. Box 3, Larchmont, N. Y.** Printers' line gauges, proportion scales, engravers' depth gauge, engravers' depth loupe and optical depthmeter.

**Gaetjens, Berger & Wirth, Inc., 35 York St., Brooklyn 1, N. Y.** Letterpress, offset, metal decorating, embossing and copperplate inks and supplies.

**Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.** Bookbinders equipment and supplies.

**Gardner Adjustable Quad Guide Co., 389 Northumberland Ave., Redwood City, Calif.** Printing press gauge pins and paper cutter hold down clamps.

Gardner Laboratory, Inc., P.O. Box 5728, Bethesda 14, Md. Instruments for testing thickness of ink on press rollers and paper.

**Garland Manufacturing Co., 46 Water St., Saco, Me.** Rawhide mallets and hammers.

O**Gay-Lee Company, 71 W. Fourteen Mile Rd., Clawson, Mich.** Carbide tipped saws and routing bits.

O**Gegenheimer, William, Co., Inc., 80 Roebling St., Brooklyn 11, N. Y.** Baldwin rotary letterpress and offset sheet or web fed ink roller washers; press ink agitators and vibrating rollers; Baldwin water levels and water stops for offset presses.

**Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.** Gravure, offset and photoengraving lamps, contact masking color separation reproducer, lineup tables.

General Binding Corp., 1101 Skokie Hgwy., Northbrook, Ill. Process binding.

O**General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.** Printing machinery motors, controls, heating units, metal melting systems, timers, transformers, register control systems and fluorescent lighting equipment.

**General Gravure Service Co., 1413 Chestnut Ave., Hillside, N. J.** Multicolor gravure printing and coating cylinders, rotary die cutting cylinders, register embossing cylinders.

General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill. Gravure, offset and photoengraving equipment and supplies.

**General Printing Ink Co., Div.** Sun Chemical Corp., 750 Third Ave., New York 17, N. Y. Letterpress, offset and gravure printing inks; driers, varnishes and compounds. Branch Offices: San Francisco 3, 1425 Folsom St.; Los Angeles 21, 2458 Hunter St.; Chicago 12, 2820 W. Grand Ave.; Chicago 38, 6556 S. Melvina Ave.; Norwood, Mass., 601 Pleasant St.; Cambridge, Mass., 87 Binney St.; Detroit 4, 8747 Brandt Ave.; Kalamazoo 13F, Mich., 1087 N. Pitcher St.; St. Paul 4, Minn., 771 Raymond Ave.; St. Louis 3, 1514 Pine St.; Cincinnati 2, Third and Walnut Sts.; Cleveland 13, 310 Lakeside Ave., N. W.; Philadelphia 6, 29 N. Sixth St.; Fort Worth 7, Tex., 2506 Tillar St.; Seattle 1, Wash., 3131 Western Ave.; Milwaukee 2, Wis., 340 N. Milwaukee St.; Toronto 8, Ont., Canada, 821 Queen St., E.; Montreal 18, Que., Canada, 280 Lagauchetiere St., E.

General Radio Co., 22 Baker Ave., West Concord, Mass. Stroboscopes and sound level meters.

**General Research & Supply Co., 572 S. Division Ave., Grand Rapids 3, Mich.** Screen process printing press and drier; silk screen supplies.

**General Roll Leaf Mfg. Co., 85-03—57th Ave., Elmhurst 73, N. Y.** Roll leaf for hot stamping and embossing.

General Rubber Corp., Summitt and Atwood Sts., Tenafly, N. J. Press and delivery tapes, transmission and conveyor flat and V-belts.

**General Scientific Corp., 5151 W. 65th St., Chicago, Ill.** Lenses for copying cameras.

General Strapping Corp., 100 Park Ave., New York 17, N. Y. General mailroom equipment.

**Gerrard, A. J., & Co., 1950 Hawthorne Ave., Melrose Park, Ill.** Metal and fiber strapping, tools and accessories.

Gerrard Steel Strapping Dept., U. S. Steel Supply Div., U. S. Steel Corp., 208 S. La Salle St., Chicago 4, Ill. Newspaper bundling and tying machines.

Gerson, Louis M., Co., 73 Deering Rd., Mattapan 26, Mass. Silk screen paint (ink) strainers.

Gevaert Co. of America, Inc., The, 321 W. 54th St., New York 19, N. Y. Graphic Arts film.

Gibson Specialties, 6333 S. Ashland Ave., Chicago 36, Ill. Padding press.

Gifford-Wood Company, One Hudson Ave., Hudson, N. Y. Materials handling equipment.

Gilbert Paper Co., 330 Ahnaip St., Menasha, Wis. Bond, cover, ledger, safety and writing papers, bristols.

Gitzendanner-Muller Company, 15 Vandewater St., New York 38, N. Y. Stitching machines and wire.

Glyco Products Co., Inc., 350 Fifth Ave., New York 1, N. Y. Wax for reproduction proofs.

Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa. Composition and rubber rollers, padding compound and rubber roller grinding for the trade, blanket solutions, molleton, makeready paste, typewash.

Goerz, C. P., American Optical Co., 461 Doughty Blvd., Inwood 96, N. Y. Camera lenses and shutters.

**Gold Leaf and Metallic Powders, Inc., 145 Nassau St., New York**

**38, N. Y. Bronze and aluminum powders, gold leaf, bronzing machines.**

Goodkin, The M. P., Co., Sub. Goodkin Mfg. Corp., 112-120 Arlington St., Newark 2, N. J. Manufacture of Camera Lucikon and related items.

Goodrich, B. F., Chemical Co., Div. of The B. F. Goodrich Co., 3135 Euclid Ave., Cleveland 15, O. Rubber and plastic compounds for making printing plates, cylinder and tympan packing.

Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O. Rubber rollers, blankets, air tubing, belts, insulators, vulcanizers for rubber platemaking.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass. Rubber offset, gravure and letterpress rollers, blankets, cutting rubbers, and felt blankets, engravers' gum, bag printing gum, unvulcanized gum, squeegee rollers.

○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill. Newspaper, magazines and rotogravure presses and stereotype platemaking equipment. Branches: 220 East 42nd St., New York 17, N. Y., 74 New Montgomery St., San Francisco 5, Calif.

Gotham Ink & Color Co., 5-19—47th Ave., Long Island City 1, N. Y. Gravure and flexographic inks.

●Graeber Stringing and Wiring Machine Co., Div. New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J. Machine for stringing booklets, shipping and merchandise tags; patching and eyeletting equipment.

Graham Transmissions, Inc., Menomonee Falls, Wis. Variable speed transmissions for controlling press speeds.

Grammes, L. F., & Sons, 346 Union St., Allentown, Pa. Gluing and tin edging machines.

Graphic Arts Corp. of Ohio, 110 Ottawa St., Toledo 10, O. Offset printing plates, rotogravure cylinders, advertising art and commercial photography.

Graphic Arts Employment Service, 307 E. Fourth St., Cincinnati 2, O. Placement of executive, supervisory, sales and technical personnel.

Graphic Arts Equipment & Supply Co., 430 Howard St., San Francisco 5, Calif. Printing and bindery machinery and supplies.

Graphic Arts Equipment Co., 117 W. Harrison St., Chicago 5, Ill. Machinery dealer.

Graphic Arts Industry, Inc., 1104 Currie Ave., Minneapolis 3, Minn. Management consultants and printing plant engineering.

Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill. Revetch and Beda proofing processes; reproportioning camera.

Graphic Chemical & Ink Co., 714 N. Ardmore Ave., Villa Park, Ill. Letterpress, lithographic and die stamping inks and supplies.

Graphic Machinery Exchange, Inc., 30 W. 24th St., New York 10, N. Y. Rebuilt equipment.

Graphic Photo Engraving Co., Inc., 207 W. 25th St., New York 1, N. Y. Halftone screens.

Grauert, Ralph W., 100 Gold St., New York 38, N. Y. Gold, aluminum and colored leaf.

Gravure Engraving Corp., 709 Main St., Holyoke, Mass. Engravers of gravure printing rolls and plates; copper and chrome plating.

Gravure Process Co., 4179 W. Belmont Ave., Chicago 41, Ill. Gravure platemaking for the trade.

Graymills Corporation, 3705 N. Lincoln Ave., Chicago 13, Ill. Ink pumps for flexographic and rotogravure presses; viscometers.

Greene, C. R., Printing Co., 115 N. Fourth St., Tipp City 1, O. Striplike material for locking in forms between type matter and chase to prevent workups.

Green's Paste Works, 200 Liverpool Rd., Liverpool, N. Y. Padding compound and specialty glues.

Greer, Robert Royden, 5201 Wilshire Blvd., Los Angeles 36, Calif. Printing engineer and appraisals, auctioneer.

Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y. Hot stamping press.

Griffiths, John, Co., Inc., 415 Lexington Ave., New York 17, N. Y. Machinery dealer.

Guardian Fire Reduction Co., 411 Center St., Little Rock, Ark. Cleaning service for mechanical departments in all types of printing plants.

Gulf Laminates, Inc., Picayune, Miss. Wood base material for mounting photoengravings.

Gummed Tape & Devices Co., 1969 Rogers Ave., Brooklyn 26, N. Y. Gummed tape and tape moisteners.

Gustafson Tool Co., 239 Centre St., New York 13, N. Y. Drying racks, roller racks, rolling tables, utility racks, and offset plate racks.

## H

H. & H. Products, 1930 S. State St., Chicago 16, Ill. Dry spray offset preventing equipment.

H & M Taping Div., 645 N. Sumner Ave., Scranton, Pa. Adhesive tape type tieup device.

Haberule Company, Wilton, Conn. Copyfitting system.

Hackensack Specialty Mfg. Co., The, 200 Atlantic St., Hackensack, N. J. Tweezers, sticks and rules.

Haida Engineering Co., 34-11 Vernon Blvd., Long Island City 6, N. Y. Printing presses, carbon paper coating machines, foil coloring and laminating machines.

Halber Corporation, 4151 Montrose Ave., Chicago 41, Ill. Portable photolettering machine.

Hall, George R., Inc., 21208 Beachwood Dr., Cleveland 16, O. Printing machinists; magazine and newspaper press installations.

Halm Instrument Co., Inc., Glen Head Rd., Glen Head, L. I., N. Y. Card and envelope printing press.

Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y. Commercial photocopying machine and accessories; negative material and chemicals.

Halvorfold Kwikprint Co., 700 E. Union St., Jacksonville, Fla. Gold stamping and embossing machine; gold leaf and colored foil.

○Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis. Composing room equipment, wood type, pre-press equipment for the lithographic industry.

Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O. Printing presses, stereotype machinery, perforators, punches, slitters, spoolers, lift trucks.

Hammermill Paper Co., 1472 E. Lake Rd., Erie 6, Pa. Bond, envelope stock cover, duplicator, ledger, offset, opaque, safety, bristol and mimeograph papers.

○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich. Saw-trimmers, stereotype casting equipment, routers, plate planers.

Handschy, A. E., Co., 2525 N. Elston Ave., Chicago 47, Ill. Letterpress and offset inks.

○Hansen Metal Products Co., 7171 W. Bloomingdale Ave., Chicago 35, Ill. Dispatch room equipment.

Hanson, Van Winkle, Munning Co., 100 Church St., Matawan, N. J. Electroplating equipment and supplies.

○Hantscho, George, Co., Inc., 602 S. Third Ave., Mount Vernon, N. Y. Offset and letterpress web printing presses designed and built to specifications.

Harley, E. L., Inc., 8701 Third Ave., Brooklyn 9, N. Y Device for mounting rubber plates in register on press cylinders; rubber plate grinder; sheet fed flexographic press for proofing and imprinting.

Harris-Seybold Company, Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O. Offset, letterpress, metal decorating, cutters, trimmers, knife grinders, drills, perforators, wire stitchers, punches. Branches: 1430 Illuminating Bldg., 55 Public Square, Cleveland 13, Ohio; 800 Second Ave. Bldg., Corner of 42nd St. & Second Ave., New York 17, N. Y.; Rm. 1134, Rice Bldg., 10 High St., Boston 10, Mass.; 33 S. 20th St., Philadelphia 3, Pa.; 531 Du Pont Circle Bldg., 1346 Connecticut Ave., N.W., Washington 6, D. C.; 640 W. Washington Blvd., Chicago 6, Ill.; 306 Fourth Ave., South, Minneapolis 15, Minn.; 2636 Locust St., St. Louis, Mo.; 124 16th St., N.W., Atlanta 13, Ga.; 1808 Hi-Line Dr., Dallas, Tex.; 885 Bryant St., San Francisco 3, Calif.; 1830 W. Pico Blvd., Los Angeles 6, Calif.; 445 King St., West Toronto 2B, Ont., Can.; 637 Craig St., West Montreal, Que., Can.; Seybold Div., 819 Washington St., Dayton F7, O.

Hart Moisture Gauges, Inc., 126 Liberty St., New York 6, N. Y. Moisture gauge.

Hart, William C., Co., Inc., 137 Greene St., New York 12, N. Y. Printers rollers, composition, rubber, vulcanized oil.

Hartco Manufacturing Co., 224 Meade St., Chester, Pa. Spaceband cleaning machine.

Hartnett, R. W., Co., 1025 Cherry St., Philadelphia 7, Pa. Special machinery designed and built for any purpose in the Graphic Arts industry; tablet and capsule printing presses.

Hartzell Machine Works, Market St. and Bethel Rd., Chester, Pa. Monotype molds and mold repairs; spaceband cleaning machines.

Hastings & Company, Inc., 2314 Market St., Philadelphia 3, Pa. Roll leaf and foil for hot press stamping.

HCM Corporation, 80 Varick St., New York 13, N. Y. Offset and cylinder letterpresses.

○Heidelberg Automatic Presses—Heidelberg Eastern, Inc.—73-45 Woodhaven Blvd., Glendale 27, L. I., N. Y.; 227 N. Third St., Columbus 15, O.; 2015 S. Michigan Ave., Chicago 15, Ill.; 3501 Detroit Ave., Cleveland, O.; Heidelberg Southern Sales Co., 120 N. Sampson St., Houston 3, Tex.; Heidelberg Western Sales Co., 1700 S. Wall St., Los Angeles 15, Calif. Distributors of Heidelberg platen and cylinder presses.

Heinrich Equipment Corp. 111 Eighth Ave., New York 11, N. Y. Flexographic printing presses; paper bag machinery.

Heinsohn, A. E., Printing Machinery & Supplies, 1443 Blake St., Denver 2, Colo. Machinery and supplies.

Hempel, H. A., 586 Tonawanda St., Buffalo 7, N. Y. Quoins and keys.

Henschel, C. B., Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis. Bronzing machines and equipment; printing presses and bagmaking supplies.

○Herbert Products, Inc., 74-32 Jamaica Ave., Woodhaven 21, N. Y. Static neutralizing bar, heaters and ink driers, drying ovens.

Herrick, Wm. C., Ink Co., Inc., One Maple St., East Rutherford, N. J. Letterpress, lithographic, offset, and gravure inks, driers, varnishes.

Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa. Fourcolor letterpress printing press, web offset press; curved platemaking equipment.

Hewson Company, Inc., The, 443 Broad St., Newark 2, N. J. Static control and static alarm systems.

Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa. Knife grinders, shears, paper presses, numbering machines, backers, heaters, stabbing machines, tables, feeders, benches, ruling machines, banding machines.

Hiertz, Theo., Metal Co., 8011 Alaska Ave., St. Louis 11, Mo. Metal for linecasting machines; stereotype, electrotype and toner metal; metal flux; composing machine lubricant.

Hill-Hentschel Company, 3928 Clayton Ave., St. Louis 10, Mo. Letterpress, offset, gravure, flexographic, engraving, and metal decorating ink.

Hi-Speed Roller Co., Inc., 3157 Tchoupitoulas St., New Orleans 15, La. Synthetic rubber rollers; newspaper and offset press blankets.

Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass. Die cutting and embossing presses; shears for bookbinders and printers; card cutting machine; slitting, cutting and creasing machinery; tension devices.

Hoch, Fred W., Associates, Inc., 461 Eighth Ave., New York 1, N. Y. Printing management and production service.

○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y. Newspaper, magazine, rotogravure, offset and metal decorating printing presses; stereotype and electrotype platemaking equipment; paper surface cleaner.

Hoeffler, J., & Co., 100 Sixth Ave., New York 13, N. Y. Printing, offset and proving inks.

Hold Heet Products Co., 905 Belmont Ave., Chicago 14, Ill. Glue pot.

Holmstrom, Axel, Etching Machines, 2555 Carpenter St., Philadelphia 46, Pa. Photoengraving etching machine.

Hoosier Tarpaulin & Canvas Goods Co., Inc., 1302 W. Washington St., Indianapolis 6, Ind. Printers' aprons.

Horn Industrial Finishes, Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y. Industrial finishes, protective coatings, silk screen paint.

House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y. Press cylinder blankets, tapes and webbing.

Howard Paper Co. Div., Howard Paper Mills, Inc., Urbana, O. Sulphite bond, ledger, writing and mimeograph papers.

Howson, W. H., Div., R. W. Crabtree & Sons, Ltd., 629 Adelaide St., W., Toronto 3, Ont., Can. Chemicals and supplies for photoengraving and offset platemaking; offset deep etch process.

Hoyt, Arthur S., Co., Inc., 20 Jerusalem Ave., Hicksville, L.I., N. Y. Wheat paste in powder form.

Huber, J. M., Corp., 1478 Chestnut Ave., Hillside, N. J. News, gravure, letterpress and offset inks, driers, compounds and specialties. Branches: 1230 W. Jackson Blvd., Chicago 7, Ill.; 2917 S. Second St., St. Louis 18, Mo.; 80 Federal St., Boston 10, Mass.

Huck Company, 72 W. 45th St., New York 36, N. Y. Automatic press web control; special machinery designers.

Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis. Letterpress and rotogravure presses, sheeters and waxers; die inking units for embossers.

Humphrey Design & Mfg., Inc., 16343 Euclid Ave., East Cleveland 12, O. Designs and develops special machines for packaging and converting purposes.

Hunt, Philip A., Co., Palisades Park, N. J. Chemicals for photoengravers and offset platemakers.

○Hutzler, Federico K., Co., 1133 Broadway, New York 10, N. Y. Line composing machine spacebands, numbering machines, dealer.

Hyster Company, P.O. Box 4318, Portland 8, Ore. Power roll grab, skid lift and platform trucks for transporting roll and skid paper and other materials.

## I

Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill. Letterpress, lithographic, flexographic, rotogravure and mechanical rollers; surfacing and sectional machines; rubber plate gums and adhesives. Factories: Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.; 21-24 39th Ave., Long Island City 1, N. Y.; 6069 Maywood Ave., Huntington Park, Calif.; 5238 Peachtree Rd., N.E., Chamblee, Ga. Sales offices: 100 S. Gay St., Baltimore 2, Md.; 2132 Chatham Ave., Charlotte, N. C.; 1717 Section Rd., Roselawn Center Bldg., Cincinnati 37, O.; 2131 S. Harwood, Dallas 15, Tex.; 1441 Blake St., Denver 2, Colo.; 3049 E. Grand Blvd, Detroit 2, Mich.; 225 W. Eighth St., Kansas City 5, Mo.; 147 N. Tenth St., Philadelphia 7, Pa.; 1828 W. Jefferson, Phoenix, Ariz.; 14 Franklin St., Rochester 4, N. Y.; 246 W. First South St., Salt Lake City, Utah; 3818 Laclede Ave., St. Louis 8, Mo.; 275 Brennan St., San Francisco 7, Calif.; 10 High St., Boston 10, Mass.; 1828 Audubon Dr., Clearwater, Fla.; 14812 Detroit St., Cleveland 7, O.; 1210 Gale Lane, Nashville 12, Tenn. 400 Hollywood Ave., Hohokus, N. J.; 4377 N. Teutonia St., Milwaukee 9, Wis.; 1821 University Ave., Midway-Griggs Bldg., St. Paul 4, Minn.

**Illinois Testing Laboratories, Inc.**, 420 N. LaSalle St., Chicago 10, Ill. Portable and stationary pyrometers.

**Illinois Zinc Co.**, 2959 W. 47th St., Chicago 32, Ill. Zinc offset plates.

○**Imperial Type Metal Co.**, 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.; 50 Church St., New York 7, N. Y. Composing, stereotype, electrotype metals and photoengraving zinc.

**Inco Company, The**, 2372 W. Seventh St., Cleveland 13, O. Letterpress and offset inks.

**Indiana Chemical & Mfg. Co.**, 624 E. Walnut St., Indianapolis 4, Ind. Ink driers, reducers, varnish and specialties, roller washes.

**Industrial Engraving Co.**, Church and Banks Sts., Easton, Pa. Cylinder platemaking for the trade.

**Industrial Fastener Div.**, Heller Roberts Mfg. Corp., 6115 Carnegie Ave., Cleveland 3, O. Nailing and stitching machines and wire.

**Industrial Marking Equipment Co., Inc.**, 655 Berriman St., Brooklyn 8, N. Y. Presses for bag, carton and container printing.

**Industron Corporation**, 55 Needham St., Newton Highlands 61, Mass. Stereotype electronic mat preshrinker.

**Inland Newspaper Supply Co.**, 422 W. Eighth St., Kansas City 5, Mo. Machinery dealers.

**Inland Wire Products Co.**, 3947 S. Lowe Ave., Chicago 9, Ill. Newspaper bundle tying machine, stitching machine wire.

**Inserting and Mailing Machine Co.**, P. O. Box 186, Phillipsburg, N. J. Equipment for inserting, sealing and meter printing of mailing pieces.

**Intaglio Service Corp.**, 305 E. 46th St., New York 17, N. Y. Gravure cylinder sleeve and platemaking for the trade.

**Inta-Roto Machine Co., Inc.**, P.O. Box 454, Byrd Airport, Richmond 3, Va. Rotogravure and flexographic presses; cylinder engraving for the trade.

○**Interchemical Corporation**, Printing Ink Div., 67 W. 44th St., New York 36, N. Y. Letterpress, gravure, flexographic, and offset inks, compounds, driers, reducers, industrial finishes, artists materials. Branches: 3333 Empire Blvd., S.E., Atlanta, Ga.; 700 S. Kane St., P.O. Box 5136, Baltimore, Md.; 77 Dingens St., Buffalo 6, N. Y.; 175 Albany St., Cambridge 39, Mass.; 636—11th Ave., New York 36, N. Y.; Germantown Ave. and New Market St., Philadelphia 23, Pa.; 175 N. Water St., Rochester 4, N. Y.; 1034 W. Fayette St., Syracuse 4, N. Y.; 4700 Paddock Rd., Cincinnati 29, O.; 640 E. Walnut St., Indianapolis, Ind.; 2928 Sidco Dr., Nashville 3, Tenn.; 3425 W. Leigh St., Richmond 3, Va.; Merrill Park, P. O. Box 199, Battle Creek 101, Mich.; 161 W. Harrison St., Chicago 5, Ill.; 1325 W. 73rd St., Cleveland 2, O.; 1501 Turtle Creek Blvd., Dallas 2, Tex.; 1210 Santa Fe Dr., Denver 4, Colo.; 3100—14th St., Detroit 16, Mich.; 620 Commerce Lane, Kalamazoo 3, Mich.; 1130 Elmwood Ave., Kansas City 27, Mo.; 105 E. Melvina St., Milwaukee 1, Wis.; 2541 Hiawatha Ave., Minneapolis 1, Minn.; 711 St. Charles St., New Orleans 13, La.; 4168 Meramec St., St. Louis 16, Mo.; 60 Sterling Ave., Rittman, O.; 1782 Latham St., Memphis 3, Tenn.; 117 W. Griffith St., Charlotte, N. C.; 707 E. 62nd St., Los Angeles 1, Calif.; 1525 N. W. 23rd Ave., Portland 10, Ore.; 212 Maritime Bldg., Seattle 4, Wash.; 2302 Market St., Jacksonville, Fla.; 2250 State St., Hamden 17, Conn.; 132 Q St., N.E., Washington, D. C.; 1133 Maple St., Louisville, Ky.; 2132 N.W. 36th St., Miami, Fla.; 956 Telegraph Rd., Mobile, Ala.; 3006-8 S. Lee Ave., Monroe, La.; P.O. Box 446, Mt. Vernon, O.; 318 First St., Neenah, Wis.; 1701—16th St., Oakland 7, Calif.; 2310 Main St., P.O. Box 7805, Pittsburgh 15, Pa.

**Intercontinental Marketing Corp.**, 45-17 Pearson, Long Island City, N. Y. Rotogravure equipment and supplies; machinery dealers.

**International Business Machines Corp.**, 590 Madison Ave., New York 22, N. Y. Justifying typewriter, time clocks and recorders.

**International Dry Spray Corp.**, 13 E. 19th St., New York 3, N. Y. Dry powder offset eliminating device.

**International Newspaper Supply Corp.**, 1639 N. Lorel Ave., Chicago 39, Ill. Stereotype metal pump, newspaper page make-up trucks.

**International Paper Co.**, 220 E. 42nd St., New York 17, N. Y. Bond, book, bristol, manila, offset, postcard, tag, mimeograph, duplicator, newsprint and manifold papers.

○**Intertype Company, Div. Harris-Intertype Corp.**, 360 Furman St., Brooklyn 1, N. Y. Linecasting and phototypesetting machines and supplies. Branch offices: 80 Federal St., Boston 10, Mass.; 500 Sansome St., San Francisco 11, Calif.; 1220 S. Maple Ave., Los Angeles 15, Calif.; 1007 Camp St., New Orleans, La.; 57 W. Grand Ave., Chicago 10, Ill.

**Invincible Vacuum Cleaner Mfg. Co.**, Dover, O. Equipment for cleaning loose, dry particles from webs, printing presses, folders, type cases and all types of equipment.

**Irwin Manufacturing Co., Inc.**, Main St., Garland, Pa. Wood block, cutting sticks, regiets, furniture, drawing and router boards.

## J

**Jacobs, Louis R.**, 2546 S. Phillip St., Philadelphia 48, Pa. Quoins and machinery dealers.

○**Jampol Corporation**, 728—61st St., Brooklyn 20, N. Y. Newspaper and magazine material handling equipment.

**Johnson, Joseph E., Co.**, 610 Atlantic Ave., Brooklyn 17, N. Y. Steel and brass type; steel and brass lettering dies; metal marking devices.

**Johnson, Wm. R., Co., Inc.**, 3131 Western Ave., Seattle 1, Wash. Padding compounds and glue.

**Johnstone Engineering and Machine Co.**, First Ave. and Gay St., Parkesburg, Pa. Slitting and rewinding machines.

**Jomac, Incorporated**, 6128 N. Woodstock St., Philadelphia 38, Pa. Dampening roller cover and roller dampener cleaner.

**Jones Graphic Products Co.**, 320 Broadway, S. E., Albuquerque, N. M. Offset and photoengraving platemaking equipment and supplies.

**Jones, James H., Co.**, 808 W. Washington Blvd., Chicago 7, Ill. Bookbinding machinery, new and rebuilt.

**Judson Type, Inc.**, 151 W. 23rd St., New York 11, N. Y. Type and rules.

**Justrite Manufacturing Co.**, 2061 N. Southport Ave., Chicago 14, Ill. Safety and oily waste cans.

## K

**KVP Company, The**, Kalamazoo, Mich. Offset, parchment and manifold papers.

**Keller, George R., Inc.**, 1228 Mt. Olivet Rd., N. E., Washington 2, D. C.; 36 E. 25th St., Baltimore 18, Md.; 208 W. Griffith St., Charlotte 3, N. C. Machinery dealers.

**Kellett Company**, 640 S. Miller St., Chicago 7, Ill. Knife grinders.

**Kellogg Div., American Brake** Shoe Co., 97 Humboldt St., Rochester 9, N. Y. Air compressors.

**Kelsey, W. A., Co.**, 45 Crown St., Meriden, Conn. Hand printing presses and machinery dealers.

**Kemp, The C. M., Mfg. Co.**, 405 E. Oliver St., Baltimore 2, Md. Gas heating equipment for composing and stereotype machinery and remelting pots.

○**Kenro Graphics, Inc.**, 25 Commerce St., Chatham, N. J. Graphic Arts process, photocopy, and xerographic cameras.

**Kidde, Walter, & Co., Inc.**, 657 Main St., Belleville 9, N. J. Fire prevention equipment.

**Kidder Press Co., Inc.**, 121 Broadway, Dover, N. H. Bronzing machines; letterpress, flexographic, gravure and offset presses; slitting and rewinding machines.

○**Kimberly-Clark Corporation**, Neenah, Wis. Book, coated, bond and ledger, onion skin, mimeograph, duplicator, bristol, offset, cover, plastic, and specialty papers, packless stereo mat molding material.

**Kleen-Stik Products, Inc.**, 7300 W. Wilson Ave., Chicago, Ill. Pressure-sensitive adhesive papers and foils.

**Klingler, Karl A.**, 124 S. Washington, Naperville, Ill. Consulting engineer for design and development of various printing equipment.

**Kohl and Madden Printing Ink Corp.**, 1132 S. Jefferson St., Chicago 7, Ill.; 636—11th Ave., New York 36, N. Y. Inks, varnishes, compounds and driers, plastic inks, anti-oxidant spray.

**Korfund Company, Inc.**, 48-15 N. 32nd Pl., Long Island City 1, N. Y. Vibration elimination equipment.

○**Korn, Henry P., Associated Inc.**, 5 Beekman St., New York 38, N. Y. Bronzing machines, etching trays, chemicals for offset and photoengraving, routing machines; machinery dealers.

○**Korthe Engineering Co.**, 9353 Seymour Ave., Schiller Park, Ill. Press web break detection device.

**Kreonite, Incorporated**, 1532 Barwise, Wichita 4, Kan. Cabinet sinks and individual glass fibre trays for platemakers, negative viewers, dot etch table, print washer.

## L

**L & W Service Co.**, 501 Bullocks Point Ave., E. Providence R. I. Special matrices for all typecasting machines.

**Lacey-Luci Products Co.**, 31 Central Ave., Newark 2, N. J. Cameras for offset, photoengraving and silk screen; offset platemaking vacuum frames; transparency viewers.

**Lake Engineering Co.**, 312 Gostlin St., Hammond, Ind. Hydraulic waste material baling presses.

○**Lake Erie Machinery Corp.**, P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y. Direct pressure presses for stereotype, electrotype, rubber and plastic plate molding; bag, box and carton making equipment and supplies.

**Lake Erie Machinery Corp.**, P.O. Electrographic Corp., 1224 W. Van Buren St., Chicago 7, Ill. Electrotype and stereotype, Bishop plate pre-makeready processes.

**Laminated Sheet Products Corp.**, 449 Neponset St., Norwood, Mass. Fibre and plastic gears, fabricator of plastic materials to customer specifications.

**Lamson Corporation**, 250 Lamson St., Syracuse 1, N. Y. Pneumatic dispatch tubes; conveyors, chutes, trucks, elevators, blowers.

**Lamson & Goodnow Mfg. Co.**, Shelburne Falls, Mass. Ink, overlay and makeready knives.

**Lance, Chester L., Co.**, 620 Browder St., Dallas 1, Tex. Press grippers, press heaters and adjustable chases.

**Langford, W. A., Co.**, 10114 S. Crandon Ave., Chicago 7, Ill. Camera for Graphic Arts reproduction work.

**Lanston Monotype Co., Div. Lanston Industries, Inc.**, 24th and Locust Sts., Philadelphia 1, Pa. District Offices: 57 Forsythe St., Atlanta 3, Ga.; 441 Lexington Ave., New York 17, N. Y.; 608 S. Dearborn St., Chicago 5, Ill. Metal type material making machines; photocomposing machines; engraving offset and gravure platemaking machines and cameras; phototypesetting machines; offset platemaking equipment.

**Lawson Company, The, Div. Miehle-Goss-Dexter, Inc.**, 2011 Hastings St., Chicago 8, Ill. Paper cutters, drillers, three-knife trimmer, slotters; machinery dealers.

**Lawson Printing Machine Co., The**, 4453 Olive St., St. Louis 8, Mo. Power driven silk screen press.

**Lawter Chemicals, Inc.**, 3550 Touhy Ave., Chicago 45, Ill. Fluorescent inks for silk screen printing; varnishes.

**LeBlond, The R. K., Machine Tool Co.**, Madison and Edwards Rds., Cincinnati 8, O. Lathes for grinding and polishing rubber printing press rollers.

**Lee, Arthur B.**, 25 W. 45th St., New York 36, N. Y. Copy fitting system.

**Lee Machinery Corp.**, 23 W. 23rd St., New York 10, N. Y. Roll fed flexographic presses for printing from one to four colors on film, stock, paper and cloth.

**Leedal, Incorporated**, 2929 S. Halstead St., Chicago 8, Ill. Stainless steel processing sinks, trays, tables and carbon tissue storage cabinets.

**Leiman Brothers Inc.**, P.O. Box 1339, 146-181 Christie St., Newark 5, N. J. Vacuum pumps.

**Lencke Ink Pump Co.**, P. O. Box 1044, Reading, Pa. Ink pump.

**Levey, Fred'k H., Co., Inc.**, Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa. Bi-metallic offset plates and chemicals; driers, web offset and rubber plate presses.

**Levey, Fred'k H., Co., Inc.**, Printing Ink Div., 380 Madison Ave., New York 17, N. Y. Letterpress, offset and rotogravure inks.

**Levy, Max, & Co.**, Wayne Ave. and Berkley St., Philadelphia 44, Pa. Halftone screens.

**Lewis-Shepard Products, Inc.**, 125 Walnut St., Watertown 72, Mass. Lift-trucks, portable cranes and specialty handling appliances.

**Lift Trucks, Inc.**, 2425 Spring Grove Ave., Cincinnati 14, O. Industrial lift trucks; electric powered fork trucks; platform trucks; tractors.

**Link-Belt Co., Prudential Plaza, Chicago 1, Ill. Chain drives, conveyors, gear drives, variable speed drives, power transmission machinery.**

**Link Paper Co., 45 Cedar Lane, Englewood, N. J. Teletypesetter tape.**

**Linotype Maintenance Co., 277 Broadway, New York 7, N. Y. Machinists; linecomposing machine parts and supplies.**

**Linotype Supply Co., 8 Beach St., New York 13, N. Y. Composing room and linecasting machine supplies; parts and accessories; repairs; machinery dealers.**

**Linton Brothers & Co., Inc., 545 Westminster St., Fitchburg, Mass. Bristol and tag stocks.**

**Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y. Offset platemaking and pressroom chemicals, supplies and plates.**

**Lithographic Technical Foundation, 131 E. 39th St., New York 16, N. Y. Lithographic technical books and publications.**

**Lithoplate Incorporated, Sub. of Harris-Intertype Corp., 278 N. Arden Dr., El Monte (Los Angeles), Calif. Presensitized offset plates; Harris lithographic press and platemaking chemicals.**

Lockwood Company, The, 125 N. **Fifth St., Atchison, Kan. Plastic type base for mounting rubber printing plates in flatbed printing presses.**

Lockwood's Incorporated, 375—11th Ave., Paterson 4, N. J. Multicolor press for printing tickets, labels and the like.

Logan Engineering Co., 4901 W. Lawrence Ave., Chicago 30, Ill. Air conditioning equipment and supplies.

LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va. Enlargers and contact printers with automatic masking and exposure control.

Lorenz Printing Machine Co., Inc., 36-26—31st St., Long Island City 6, N. Y.—Press engineers and machinists; machinery dealers.

Los Angeles Type Founders, Inc., 225 E. Pico Blvd., Los Angeles 15, Calif. Foundry type and rule; machinery dealers.

Lox Manufacturing Co., 3310 E. 31st St., Kansas City 28, Mo. Adhesives and solders.

Lubriplate Division, Fiske Bros. Refining Co., 129 Lockwood St., Newark 5, N. J. Lubricants.

Ludlow Papers, Inc., Fine Papers Div., Brookfield, Mass. Metallic coated paper, gummed.

**Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill. Ludlow slug casting machines and matrices; lead, slug and rule caster, molds and equipment; photomechanical conversion process.**

Lumirol Corporation, 41 W. 25th St., New York 10, N. Y. Offset press rollers and rubber blankets.

Lyon Metal Products, Inc., Aurora, Ill. Steel clothing lockers; cabinets; stools; benches; work tables; engraving and electro cabinets.

## M

M & L Typesetting & Electrotyping Co., Inc., 4001 Ravenswood Ave., Chicago 13, Ill. Type and plate mounting base; press test blocks.

M & M Research Engineering Co., Inc., 13360 W. Silver Spring, Butler, Wis. Silk screen printing presses and wicket conveyor driers.

**Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa. Photographic arc lamps, transformers and rheostats; lamps for engraving, offset and gravure platemakers; arc lamp carbons, color matching and testing lamps.**

**Macbeth Daylighting Co., Little Britain Rd., Newburgh, N. Y. Color matching lamp with booth; inspection lamps, densitometers.**

Macey Company, Sub of Harris-Intertype Corp., 13835 Enterprise Ave., Cleveland 35, O. Automatic collating and stitching machines.

**Magnacraft Manufacturing Co., 7739 S. Kedzie Ave., Chicago 29, Ill. Machine which flat wraps, fold wraps, band wraps and addresses periodicals automatically.**

Magnat Machinery & Pattern Corp., Leeds, Mass. Offset-gravure printing presses.

Maigne, O. J., Co., 321 Pearl St., New York 38, N. Y. Printing press rollers.

**Main, Chas. T., Inc., 80 Federal St., Boston 10, Mass. Architects, engineers and designers for newspaper printing and publishing plants.**

Mallinckrodt Chemical Works, Second and Mallinckrodt Sts., St. Louis 7, Mo. Chemicals for offset, photoengraving and photography.

Manhasset Machine Co., Inc., 409 Bayview Ave., Amityville, N. Y. Flexographic, indirect offset, rotogravure and hybrid offset-gravure and/or rubber plate and **sales book presses; collating machines for business forms,** lacquer and color coating **machines; rewinders, slitters and bag making machines.**

Manhattan Adhesives Corp., 425 Greenpoint Ave., Brooklyn 22, N. Y. Adhesives for bookbinding, flexible glues, pastes, padding glues and synthetic resin cements.

Manhattan Industrial Contracting Co., Inc., 3-17—26th Ave., Astoria 2, N. Y. Complete newspaper and plant installations, machinists and riggers.

Manning, Maxwell & Moore, Inc., Shaw-Box Crane & Hoist Div., W. Broadway, Muskegon, Mich. Hoists and cranes; platform scales.

Margach Manufacturing Co., Inc., 47 Wooster St., New York 13, N. Y. Metal feeders for composing machines, work holder **and extension gauge for saw trimmers.**

Mark Specialty Co., 183 St. Paul St., Rochester 10, N. Y. Makeready and overlay knives; magnifying and reducing glasses.

Markem Machine Co., 150 Congress St., Keene, N. H. Marking and printing machines; specialty inks.

Markwell Manufacturing Co., Inc., **200 Hudson St., New York 13, N. Y. Stapling and stitching machines and wire; stencil and marking supplies.**

Marsh, Hamilton R., Co., 15th and Mt. Vernon Sts., Philadelphia 30, Pa. Machinery dealer.

**Marsh Stencil Machine Co., 707 E. B St., Belleville, Ill. Stencil cutting machinery and supplies; tape moisteners; label dispensers.**

Martin, L. C., & Associates, 302 Crestwood Village, Northfield, Ill. Single book and magazine fold and flat wrapping machine; machinery dealer.

Maryland Wiping Cloth Co., 1810 Worcester St., Baltimore 30, Md. Wiping cloths.

Mason-Moore-Tracy, Inc., 28 E. Fourth St., New York 3, N. Y. Printing machinery dealers; machinists.

Master Appliance Corp., 1745 Flett Ave., Racine, Wis. Heated air blower for preventing ink offset on web printing presses.

Master Etching Machine Co. (See Master Sales & Service Corp.)

**Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa. Etching machines and photoengraving equipment; powderless etching equipment.**

**Matrix Contrast Corp., 154 W. 14th St., New York 11, N. Y. Process for applying black and** white contrast to linecasting matrices; linecasting machine cleaning brushes; mold lubricant. Branch offices: 326 W. Madison St., Chicago 6, Ill.; 1105 Trenton St., Los Angeles 15, Calif.

**Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.** Counter and marker machines, rotary sheeters, sheet deliveries, stackers, and static eliminating bars.

Maxwell Paper Co. Div., Howard Paper Mills, Inc., Franklin, O. Bond, offset and mimeograph papers.

May Machine Co., Inc., 195 Chrystie St., New York 2, N. Y. Dies for bindery and pressroom; **special dies.**

MayVan Corporation, 1141 N. **Washington Ave., Scranton 9, Pa. Crawford single-wrapping machine for individually wrapping newspapers.**

**McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn. Ruling, feeding and paging machines;** imprinting, check and tape presses, stamp and coupon perforators, folding machines, electronic inserters, bookbinders' tools.

**McCutcheon Bros. & Quality, Inc., 2653 N. Reese St., Philadelphia 33, Pa. Letterpress and** offset inks, varnishes and driers.

McGraw Colorgraph Co., 175 W. Verdugo Ave., Burbank, Calif. Pigment papers (carbon tissue) for gravure and screen process printers.

**McHugh, J. Thomas, Co., Inc., 31 E. Georgia St., Indianapolis 4, Ind.; 500 Fifth Ave., New York 36, N. Y. Press rollers,** blankets; stereotype molding blankets; cutting rubbers.

M-D Blowers, Inc., Sub. Miehle-Goss-Dexter, Inc., 100 Fourth St., Racine, Wis. Air conditioning equipment and supplies.

Mead Papers, Inc., 118 W. First St., Dayton 2, O. Bond, ledger, book, coated cover and board, offset, postcard, bristol, blanks, mimeograph, duplicator, rotogravure, envelope, coated and specialty paper.

**Megill, The Edward L., Co., 761 Atlantic Ave., Brooklyn 38, N. Y. Printing press attachments, gauge pins, gauges, gripper-fingers.**

Mendez Company, 30 Beekman St., New York 38, N. Y. Rule, borders, and ornaments; type tie-up lock.

Mendes, J. Curry, Corp., New Bedford Industrial Park, New Bedford, Mass. Semi-automatic carbon snap-out form collating and tipping machines; automatic vertical stack collating machines.

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 **N. Farwell Ave., Milwaukee 2, Wis. Flexographic and rotogravure printing presses; die cutting machinery; embossing presses; and special paper converting machinery.**

Mercury Manufacturing Co., 4710 W. Division St., Chicago 51, Ill. Lift trucks and hand-operated fork trucks.

Mercury Printing Ink Corp., 41 Dundee Ave., Paterson 3, N. J. Manufacturers of lithographic and printing inks.

**Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.** Phototypesetting machines; Linotype machines, parts, matrices and other devices. Branches: 300 Luckie St., N.W., Atlanta 13, Ga.; Suite 844, Park Sq. Bldg., Boston 16, Mass.; 675 King St., W., Toronto 2B, Ont., Can.; 531 Plymouth Court, Chicago 5, Ill.; 2536 St. Clair Ave., Cleveland 14, O.; 1304 Dragon St., Dallas 7, Tex.; 155 Twelfth St., San Francisco 3, Calif.; 1212 Albany St., Los Angeles 15, Calif.

Merritt Products Co., 1747 Chester Ave., Cleveland 14, O. Padding compound; adhesives.

Merz-Vonder Haar Co., 809 Walnut St., Cincinnati 2, O. Manufacturers of book binding equipment such as turning-in machines and case making gauges.

**Metron Instrument Co., 432 Lincoln St., Denver 3, Colo. Portable tachometer.**

Metwood Manufacturing Co., Inc., Spruce St., Hanover, Pa. Utility tables.

**Metzgar Conveyor Co., 412 Douglas St., N.W., Grand Rapids 4, Mich. Conveyor systems.**

Miami Valley Coated Paper Co., Oxford Rd., Franklin, O. Bond, bristol, book, coated, cover, offset, postcard, tag, plastic coated, duplicator and specialty papers; masking papers.

Michael Lith Sales Corp., 145 W. 45th St., New York 36, N. Y. Paper cutter.

**Mick, Walter K., Co., 500 Robert St., St. Paul 1, Minn. Paper drill, general and special machinery.**

**Mid-States Gummed Paper Div. of Minnesota Mining & Mfg. Co., 6850 S. Harlem Ave., Bedford Park, Ill. Gummed paper and heat sealed label paper.**

**Midwest Printers Supply, 1209 Sycamore, Cincinnati 10, O. Supply dealers, static tinsel and static eliminators; Linotype metal; leads, slugs, type; machinery dealers.**

**Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill. Machinery dealers.**

**Miehle Company, The, Div., Miehle-Goss-Dexter, Inc., 2011 W. Hastings St., Chicago 8, Ill. Flatbed, automatic job and rotary letterpresses; offset and gravure presses; cutting and creasing presses; feeders, motors, etc.**

Miller Apron Co., 1943 Fourth St., LaVerne, Calif. Printers aprons.

**Miller, Hobson, Machinery, Inc., 280 Lafayette St., New York 12, N. Y. Printing press for paper indexes and envelopes and for imprinting folders, pamphlets and booklets.**

Miller Lauffer Printing Equipment Corp., 280 Lafayette St., New York, N. Y. Tab inserter for presses, pre-determined counter, envelope press.

Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa. Letterpress, offset, die-cutting, embossing, creasing, and cutting presses.

Miller-Trojan Company, Inc., 3 N. Ridge Ave., Troy, O. Offset platemaking equipment, cameras, arc lamps, vacuum printing frames, tables and platemaking machinery; silk screen equipment.

**Milwaukee Printers Roller Co., 422 S. Fourth St., Milwaukee 4, Wis. Machinery dealers;** inking rollers, photo-offset plates.

Milwaukee Pump & Tank Works, Inc., 714 E. Nash St., Milwaukee 12, Wis. Portable ink tanks with pumps.

**Minden Paper Gauge Co., Inc., 230 W. 41st St., New York 36, N. Y. Paper thickness gauges** and paper tester.

Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Two sided gummed cellulose tape; glass bead tympan paper and blankets; presensitized offset plates; letterpress makeready and pre-makeready systems; offset chemicals and dampener roller covering.

Minnich Machine Works, 1607 Ridgely St., Baltimore 30, Md. Paper baling presses.

Miskella Infra-Red Co., E. 73rd and Grand Ave., Cleveland 4, O. Infra-red drying equipment for web printing presses.

**Missouri Central Type Foundry,** 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan. Type, feeders, saws, routers, casters and molders; machinery dealers.

**Mitchell-Rand Insulation Co., 51 Murray St., New York, N. Y. Press packing and tympan paper.**

**Model Planning Co., Inc., 164** Greenway West, New Hyde Park, N. Y. Tri-dimensional models (1/48th scale) of equipment used by planning engineers in the Graphic Arts, including models of personnel and buildings; advisory service.

**Model Printing Equipment Corp.,** 511 Madison St., Hoboken, N. J. Dry offset, letterpress and rotogravure presses.

**Modern Equipment Co., Inc., 2611 Cuming St., Omaha 2, Neb.** Newspaper folding machines.

Modern Matrix Co., P.O. Box 192, Grantsburg, Wis. Special matrices and border slides.

**Modi-Graphic,** Incorporated, 215 E. Ninth St., Cincinnati 2, O. Cameras for reproportioning type reproduction proofs, for making photostats, for making silk screen stencils and for straight camera work; reproduction letters.

**Mohr Lino-Saw Co.,** 8015 N. Ridgeway Ave., Skokie, Ill. Line composing machine saws.

**Moler,** Don A., Distributors, 1011—20th St., N.W., Washington 6, D. C. Machinery dealers.

**Monitor Controller Div.,** Industrial Electronics Co., Inc., 99 Grove St., Rockland, Mass. Motor controllers and starters.

○**Monomelt Company,** Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn. Composing machine melting equipment; electrotype molding equipment; shavers.

○**Montgomery Company,** Inc., Pratt Ave., P.O. Box 309, Towanda, Pa. Linotype magazines.

**Moore,** Jack, 560 Eastland Rd., Berea, O. Special matrices for all type and linecasting machines; steel and magnesium newspaper heads; newspaper base and page trucks.

**Moore, Kenneth J., & Co.,** 1778 W. Estes Ave., Chicago 26, Ill. Gluing, labeling, coating, laminating machines; flexographic and rotary presses; designers and builders of specialty equipment.

**Moore Laboratories,** 10326 Fenkell, Detroit 38, Mich. Screens and chemicals; halftone tints.

**Morehouse-Cowles,** Incorporated, 1150 San Fernando Rd., Los Angeles 65, Calif. Ink grinding and mixing equipment.

**Moreland Corporation,** The, York and Fitzwatertown Rds., Willow Grove, Pa. Rubber and synthetic rollers for letterpress and offset presses.

**Morgan Adhesives Co.,** 4560 Darrow Rd., Stow, O. Pressure sensitive adhesive papers, foils and films.

**Morgans & Wilcox Mfg. Co.**—See Challenge Machinery Co.

**Morningstar-Paisley,** Incorporated, 630 W. 51st St., New York 19, N. Y. Adhesives for various uses; offset preventing spray solutions.

**Morrill,** George H., Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y. Branches: Chicago 7, 42 N. Racine Ave.; St. Louis 3, 1514 Pine St.; Ft. Worth 7, Tex., 2506 Tillar St.; Detroit 4, 8747 Brandt St.; Norwood, Mass., 601 Pleasant St. Newspaper, letterpress, offset and water-color inks.

○**Morrision Company,** The, 125 W. Melvina St., Milwaukee 12, Wis. Composing room saw trimmers and stereotype saws for printers and engravers, slug stripper, router and type high planer, plate beveler.

**Morrison Printing Ink Co.,** The, 1051 Power Ave., Cleveland 14, O. Letterpress and offset inks.

**Mort,** Ralph H., Co., 102 N.W. Ninth Ave., Portland 9, Ore. Dampener cleaner for offset press rollers; developing tables.

**Mosstype Corporation,** 150 Franklin Turnpike, Waldwick, N. J. Multiplate mounting and multicolor proving machines for mounting and registering rubber plates and design rollers.

**Motter,** John C., Printing Press Co., 907 Roosevelt Ave., York, Pa. Proof press, presses, magazine folders, transfer machines and doctor blade grinders.

**Munising Paper Co.,** The, Div. Kimberly-Clark Corp., Munising, Mich. Bond, ledger, offset, specialty, mimeograph, plastic coated and duplicator papers.

**Munning & Munning,** Inc., 202 Emmet St., Newark 5, N. J. Equipment for plating stereotype and electrotype plates; plating equipment for facing printing and textile printing rolls with copper and chromium and for building up roll thickness after having been dressed down.

**Munro,** W. L., 401 Broadway New York 13, N. Y. Electric pickup and electric eye counting devices for folding machines, gang stitchers and ruling machines.

**Murphy,** George, Inc., 57 E. Ninth St., New York 3, N. Y. Chemicals and supplies.

**Murray,** D. J., Mfg. Co., 1002 Third St., Wausau, Wis. Grid unit coolers, heaters and humidifiers.

## N

**Nashua Corporation,** 44 Franklin St., Nashua, N. H. Gummed, metallic and specialty papers.

**Nashua Package Sealing Div.,** Nashua Corporation, 44 Franklin St., Nashua, N. H. Package sealers, moistening machines and gummed tape.

**National Adhesives Div.,** National Starch Products, Inc., 750 Third Ave., New York, N. Y. Adhesives.

**National Baling Press & Equipment Co.,** 1071 E. 48th St., Brooklyn 34, N. Y. Hand and electric baling machines and supplies, hand trucks, baling wire, scales, grease gun.

**National Bundle Tyer Co.,** 320 Adrian St., Blissfield, Mich. Tying and stringing machines.

**National Laboratories & Mfg. Co.,** 112 Greenwood Ave., Midland Park, N. J. Web scanner.

**National Lead Co.,** 111 Broadway, New York 6, N. Y. Type metal, plate backing, metal flux, patent base, plate mounting accessories.

**National Numbering Machine Co.,** Inc., 42-25 Ninth St., Long Island City 1, N. Y. Typographic, rotary head and special numbering machines, printing supplies.

**National Steel & Copper Plate Co.,** 700 S. Clinton St., Chicago 7, Ill. Photoengravers copper, zinc, chemicals and equipment; stripping film; proofing paper; plastic, copper, zinc, magnesium etcher; cathode lights; flush mounting presses; polishing machine.

**National Ultrasonic Corp.,** 111 Montgomery Ave., Irvington 11, N. J. Ultrasonic equipment for cleaning dried ink and/or other materials which are difficult to separate from printing plates.

**National Wiping Cloth Co.,** 2519 N. Second St., Philadelphia, Pa. Wiping cloths.

**Naz-Dar Company,** 461 Milwaukee Ave., Chicago 10, Ill. Silk screen equipment and supplies.

**Neenah Paper Co.,** Neenah, Wis., Bond, ledgers, index bristol and specialty papers.

**Nekoosa-Edwards Paper Co.,** Port Edwards, Wis. Bond, offset ledger, duplicator and mimeograph papers.

**New England Newspaper Supply Co.,** 164 Fremont St., Worcester 3, Mass. Press blankets, tympans, stereotype supplies.

○**New Era Mfg. Co.,** 233 Central Ave., Hawthorne, N. J. Letterpress and offset presses, die cutting presses, fanfold machines, gathering machines.

**New Jersey Wire Stitching Machine Co.,** 604 S. Second St., Camden 3, N. J. Stitching machines and stapling machines.

**New York & Pennsylvania Co.,** 425 Park Ave., New York 22, N. Y. Bond, book, offset, duplicator envelope, mimeograph and rotogravure papers.

**Newspaper Publishers Supply Co.,** 1639 N. Lorel Ave., Chicago 39, Ill. Machinery dealer.

**Newton Machine Co.,** 211 High Ave., Cleveland 15, O. Composing machine and press repairers.

○**Niles & Nelson,** Inc., 75 West St., New York 6, N. Y. Offset and newspaper press rubber rollers.

**Nissenbaum, Irving,** Inc., 114 W. 27th St., New York 1, N. Y. Machinery dealers.

○**Nolan Corporation,** 1333 E. Dominick St., Rome, N. Y. Composing room, photoengraving, stereotype, pressroom and bindery equipment.

**Nolan Machinery Co.,** Port St., Pulaski, N. Y. Type high gauge; newspaper page makeup trucks.

**Norma-Hoffman Bearings Corp.,** Stamford, Conn. Bearings.

**Norman-Willets Graphic Supply Co.,** 316 W. Washington St., Chicago 6, Ill. Offset, photoengraving and silk screen equipment and supplies.

**Norman, William A.,** 1133 E. 63rd St., Chicago 37, Ill. Paper handling trucks and magnesium roll paddles.

○**North American Products Corp.,** 707 Bartley St., Jasper, Ind. Carbide tipped saw blades.

**Northern Machine Works,** 323 N. Fourth St., Philadelphia, Pa. Tag printing press and tag making machine, offset press, paper cutters, machinery dealers.

**Northwest Paper Co.,** Cloquet, Minn. Bond, ledger, book, specialty, bristol, cover, offset, postcard, mimeograph, envelope and duplicator papers.

**Northwestern Electric Co.,** 1750 N. Springfield Ave., Chicago 47, Ill. Motors for printing machinery, variable speed drives.

○**Novak Company,** Inc., The, 118 Waynewood Park, Plainfield, N. J. Belt copy conveyor systems.

**Nu-Film Products Co., Inc.,** 56 W. 22nd St., New York 10, N. Y. Stencil sheets for silk screen process.

○**nuArc Company,** Inc., 4110 W. Grand Ave., Chicago 51, Ill. Motor driven arc lamps, vacuum printing frames, and light tables, plate and film storage cabinets, dark room safelights, vacuum blankets.

**Nygren-Dahly Company,** 1422 W. Altgeld St., Chicago 14, Ill. Numbering machines and bindery equipment; one to four color flexographic press.

## O

**Offen, B., & Co.,** 29 E. Madison Ave., Chicago 2, Ill. Air conditioning equipment and supplies; offset preventing equipment.

**Ohio Art Materials Co.,** 2174 E. Ninth St., Cleveland 15, O. Silk screen and sign supplies.

**Ohio Blow Pipe Co.,** 1731 Doan Ave., Cleveland 12, O. Automatic systems for removal and baling of trim waste from binding and cutting machines.

**Ohio Knife Co.,** The, B. & O. Railway and Dreman Ave., Cincinnati 23, O. Paper trimming knives; doctor and fountain blades.

**Ohio Roller Co.,** Inc., 4408 Detroit Ave., Cleveland 13, O.; 6333 E. Canfield Ave., Detroit 7, Mich. Printers rollers, trucks and cores, graining and coating rollers.

**Ohio Wiping Cloth Mfg. Co.,** The, 1600 Woodland Ave., Cleveland 15, O. Wiping cloths.

**Oilgear Company,** The, 1560 W. Pierce St., Milwaukee 4, Wis. Motors and controls.

**OlsenMark Corporation,** 124 White St., New York 13, N. Y. Mechanical overlay and stamping press, specialty inks, leaf.

**Ortleb Machinery Co.,** 3818 Laclede Ave., St. Louis 8, Mo. Ink agitators, printers' machinists, electric-lighted magnifiers.

**Ortman-McCain Company,** 1330 W. Washington Blvd., Chicago 7, Ill. Wet and dry spray equipment, solutions and powders to prevent offset on printing presses; wax spray equipment and wax.

**Ostrander Seymour Co.,** The, 1710 N. 25th Ave., Melrose Park, Ill. Photoengraving, stereotype and electrotype platemaking machinery.

**O'Sullivan Composition Co.,** 491 Broadway, New York 6, N. Y. Slide rule for printers.

**Oxy-Dry Sprayer Corp.,** 1134 W. Montrose Ave., Chicago 13, Ill. Anti-offset spray equipment powders, and sheet cleaners.

**Oxford Paper Co.,** 235 Park Ave., New York 17, N. Y. Book, coated paper, offset, rotogravure, specialty, duplicator and mimeograph papers.

**Ozalid Division,** General Aniline & Film Corp., Ansco Road, Johnson City, N. Y. Ozalid and Ozachrome film used for black and color proofing and reproduction purposes in the Graphic Arts, Ozalith presensitized aluminium and paper offset plates, fountain solutions, developing solutions, direct image paper plates, illuminated tracing units.

## P

**Paasche Airbrush Co.,** 1909 Diversey Pkwy., Chicago 14, Ill. Offset preventing equipment; portable cleaning blowers.

**Pabich, W. R., Mfg. Co., Inc.,** 2323 N. Knox Ave., Chicago 39, Ill. Stitching machines, hydraulic paper lift; machinery dealer.

**Pace Manufacturing Co.,** The, 764 Ninth St., Des Moines, Ia. Silk screen printing press.

**Packer Manufacturing Co.,** 1222 Velp Ave., Green Bay, Wis. Paper processing equipment, flexographic printing presses, rewinders, folding carton machinery, gathering machines, collators, die cutters and creasers, rotary sheeters, joggers.

**Palmer, E. C., & Co.,** Div. Western Newspaper Union. Branches: 2201 Laws St., Dallas 21, Tex.; 802 Walnut St., Houston 1, Tex.; 2300 N.W. 23rd St., Miami 52, Fla.; 8645 Peters St., New Orleans 7, La.; 302 N. Willow Ave., Tampa 1, Fla. Printing and bindery machinery and supplies.

**Paper Converting Machine Co.,** 2300 S. Ashland Ave., Green Bay, Wis. Special printing presses for metal decorating, bag, container, check, rubber plate and embossing work, carton printing presses with automatic speeds.

○**Paper Manufacturers Co.,** 9800 Bustleton Ave., Philadelphia 15, Pa. Gummed and Teletypesetter tape; mailing, listing and metallic papers.

**Para-Flex Plate Corp.,** 21 E. 17th St., New York 3, N. Y. Equipment, tools and material for producing non-metallic printing plates of all types.

**Parazin Corporation,** 208 Mill St., Rochester 4, N. Y. Rubber composition plates for letterpress, oil or water color printing, flexographic and gravure printing rollers.

**Parker, Joseph, & Son Co., Inc.,** 1155 Whalley Ave., New Haven 15, Conn. Blotting paper.

**Parks-Cramer Company,** Newport St., Fitchburg, Mass. Humidifying equipment.

**Parnat Business Machines Corp.,** 1816 Boston Rd., New York 60, N. Y. Automatic gathering and inserting machine for signatures, greeting cards, magazines, booklets and the like, collator and stitcher, envelope inserter, gatherer and folder.

**Parsons & Whittemore Graphic Corp.,** 250 Park Ave., New York 17, N. Y. Electrotype, stereotype, pressroom and bindery machinery.

**Partlow Corporation,** 2 Campion Rd., New Hartford, N. Y. Gas and electric temperature controls.

○**Pasadena Hydraulics,** Inc., 1433 Lidcombe, El Monte, Calif. Hydraulic presses for molding plastic and/or rubber printing plates.

**Pate Company,** The, 6124 N. Pulaski Rd., Chicago 46, Ill. Machinery dealers.

**Paterson Parchment Paper Co.,** Bristol, Pa. Tympan, parchment and specialty papers.

**Pavey, Van R.,** 305 E. 46th St., New York 17, N. Y. Copy fitting system.

**Pavyer Printing Machine Works,** 600 S. Broadway, St. Louis 2, Mo. Used machinery; printers' machinists.

**Payne, Ernest, Corp.,** 82 Beekman St., New York 38, N. Y. Machinery dealers, rubber platemaking, new and used offset presses, cameras and platemaking equipment.

**Pearce Development Co.,** 1606 E. 30th St., Cleveland 14, O. Tag printing and fabricating presses; collating machine.

**Peck, James I.,** (Registered) 47 High St., West Orange, N. J. Machinery dealer.

**Peerless Roll Leaf Co.,** Inc., 4511 New York Ave., Union City, N. J. Roll leaf feeding attachment for platen press, stamping presses, gold leaf, imitation gold leaf, carton imprinter.

**Pelouze Manufacturing Co.,** 1218 Chicago Ave., Evanston, Ill. Tension friction measuring devices, postal scales.

**Penco Division,** Alan Wood Steel Co., Oaks, Pa. Steel lockers, shelving and cabinets.

**Perfection Type, Inc., 35 E. Kellog Blvd., St. Paul, Minn. Type, supplies and accessories; printers' machinists.**

**Perkins, B. F., & Son, Inc., P.O. Box 388, Holyoke, Mass. Paper testing instruments.**

**Permacel Incorporated, U. S. Highway No. 1, New Brunswick, N. J. All types of adhesives; padding compound; photoengraving glue; tapes for offset platemaking and bindery use.**

Petersen Manufacturing Co., 18 Sebago St., Clifton, N. J. Matrix cut storage, operator's copy and galley storage cabinets.

**Peterson Pacific Parchment Co., 1400 Kifer Rd., Sunnyvale, Calif. Tympan, parchment and specialty papers.**

**Photon, Incorporated, 58 Charles St., Cambridge 41, Mass. Phototypesetting machine.**

**Photoswitch Division, Electronics Corp. of America, Cambridge 42, Mass. Electronic registration control.**

**Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif. Spot gluing machine for business forms; portable collating trays, automatic patcher and eyeletter, tag patcher and/or eyeletter.**

**Pigments Division, Sun Chemical Corp., 10-10—44th Ave., Long Island City 1, N. Y. Artists colors, carbon paper, typewriter ribbon, printing ink colors.**

**Pioneer Rubber Engraving Co., 21 E. 17th St., New York 3, N. Y. Rubber, linoleum, plastic printing plates.**

**○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O. Saw trimmers, paper drills and routers**

Pitman, Harold M., Co., 3239 S. 51st Ave., Cicero 50, Ill.; 515 Secaucus Rd., Secaucus, N. J.; 3501 W. 140th St., Cleveland, O.; 230 W. 41st St., New York 36, N. Y.; 266 Summer St., Boston 10, Mass. Copper and zinc plates and supplies for photoengraving and offset platemaking and printing.

Pitney-Bowes, Incorporated, Walnut and Pacific Sts., Stamford, Conn. Postage meter machines; table model folding machine; addressing and mailing machines; counting, coding and imprinting machines; gathering and inserting machines.

**Pittsburgh White Metal Co., 284 Hamilton Ave., Brooklyn 31, N. Y. Composing, electrotype and stereotype metals, line-up tables.**

**Plastic Binding Corp., 732 Sherman St., Chicago 5, Ill. Binding process.**

**Pneuma-Flo Systems, Inc., 141 W. 20th St., New York 11, N. Y. Offset preventing equipment and powders; anti-static powders, viscosity control equipment.**

Pollard-Alling Manufacturing Co., 220 W. 19th St., New York 11, N. Y. Addressing, strip printing, wrapper printing and wrapping machines, labeling machines.

**Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y. Presensitized offset printing plates and chemicals, inks, varnishes, blankets, masking paper, molleton covers, blanket solutions, solvents, ink knives.**

**Pope & Gray, Inc., 17 Industrial West, Allwood, Clifton, N. J. Letterpress, lithographic, label and metallic inks.**

**Popper & Sons, Inc., 300 Fourth Ave., New York 10, N. Y. Presses for printing glass vials, tubular objects, shirt bands, stocking tops, tickets, labels, etc., folding box imprinter, silk-screen printer.**

Port Huron Sulphite and Paper Co., Port Huron, Mich. Bond, cover, specialty and tympan papers.

**Porte Publishing Co., 952 E. 21st St., S., Salt Lake City 6, Ut. Franklin printing catalog.**

Porter, H. K., Co., Riverside-Alloy Metal Div., 439 Dwight St., Holyoke, Mass. Bookbinders' wire.

**○Portland Company, The, 60 Fore St., Portland 6, Me. Static eliminator for presses, folders, perforators, bronzers, varnishers, cutters, slitters, winders, etc.**

**Potdevin Machine Co., 297 North St., Teterboro, N. J. Paper bag machinery for making, printing, waxing, pasting, gumming and gluing; drying ovens, varnishing machine.**

**Potter Instrument Co., Inc., 115 Cutter Mill Rd., Great Neck, L. I., N. Y. Photoelectric stylus sheet counter and printing press counters.**

Powers, Mark E., 7041 N. Monon St., Chicago, Ill. Industrial engineer, plant layout and analyses of production costs.

Precise Engineering Co., E. Main St., P.O. Box 128, Huntley, Ill. Rotogravure press with plastic coating and fabricating units.

**Precision Thermometer & Instrument Co., 1434 Brandywine St., Philadelphia 30, Pa. Laboratory and industrial thermometers.**

**Preferred Pressroom Products, Inc., 119 Foster St., Peabody, Mass. Bandless perforator for cylinder printing presses, machinery dealer.**

Prescott, H. S., 95 Nursery St., Springfield 4, Mass. Letterpress and offset inks.

**Press Filter Co., 848 N. Crescent Hts. Blvd., Los Angeles 46, Calif. Powder spray gun for platen and small cylinder printing presses.**

**Price Brothers & Co., Ltd., Quebec City, Quebec, Canada. Newsprint manufacturers.**

**Printcraft Representatives, 277 Broadway, New York 7, N. Y. Rebuilt machinery.**

**Printers Supply Service, 946 W. North St., Chicago 22, Ill. Dealers in printers' supplies.**

Printing Developments, Inc., Subsidiary of Time, Inc., 9 Rockefeller Plaza, New York 20, N. Y. Color separation machine service, and offset multimetal plates.

Printing Industries Equipment, Inc., 168 Putnam Ave., Greenwich, Conn. Bindery machinery.

○Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O. Bases, diagonal blocks and metal furniture, die cutting machine.

○Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill. Equipment for centrifugally casting and trimming curved electrotype plates and method for hydrocasting flat electrotypes; photoengraving and stereotype equipment, rotary proof press.

Process Color Plate Co., 1200 W. Monroe St., Chicago 7, Ill. Hand engraved rubber printing plates, molded and hand cut bag and box dies, decorating rollers for flexographic ink printing, Multigraph plates, signature plates.

Process Engineering Co., 6435 N. Central Ave., Chicago 46, Ill. Electroplating equipment and processes for the Graphic Arts; dealer.

**Protectoseal Company, 1920 S. Western Ave., Chicago 8, Ill. Washup fluid safety container.**

Puglisi-Dutro, Incorporated, 117 W. Ninth St., Los Angeles 15, Calif. Rubber plate printing press; semi-automatic collator with automatic carbon pickup station and shear cutters; machine for coloring roll paper and slitting to desired widths; webregister control, tachometer, numbering wheels, paper micrometer, rubber plate molder, slitting and rewinding equipment, washup device, chucks.

Pyrene-C-O-Two Div., Fyr-Fyter Co., U. S. Highway 1, Newark 1, N. J. Fire detecting and extinguishing systems.

**Pyrometer Instrument Co., Inc., 92 Portland Ave., Bergenfield, N. J. Surface, immersion and indicating pyrometers.**

## Q

**Quality Control Corp., Automation Div., 401 Broadway, New York 13, N. Y. Matrix inspection and repair machines.**

**Quality Engraving & Electrotype Co., The, 436 Commercial Sq., Cincinnati 2, O. Flat and curved duplicate letterpress plates, plates for the trade.**

## R

○Radio Corp. of America, Industrial Electronic Products Div., Front and Cooper, Camden, N. J. Electronic conveyor counter, electro-typesetter system; newspaper conveyor system.

**Raiya Saw Corp., 109 W. Second St., Cincinnati 2, O. Saw blades.**

Ramsey Chain Co., Inc., Troy Rd., Albany 4, N. Y. Chain drives for printing presses and heavy machines.

Randolph Company, The, 1018 Rosine St., Houston 19, Tex. Pump for loading and unloading photoengraving acids.

Randolph Laboratories, Inc., 8 E. Kinzie St., Chicago 11, Ill. Fire extinguishers.

○Rapid Roller Co., 26th and Federal Sts., Chicago 16, Ill. Eastern Sales Offices, 218-224 Elizabeth Ave., Newark 8, N. J. Letterpress, offset and gravure rollers, offset press blankets and press packing.

**Rathbun & Bird Co., Inc., The, 379 W. Broadway, New York 12, N. Y. Safety guards, automatic gas heaters for presses, and extension deliveries for presses; machinery dealers.**

Raybestos-Manhattan, Inc., Manhattan Rubber Div., 61 Willett St., Passaic, N. J. Letterpress and offset inking rollers, rubber belting, rolls and hose.

**Raymond Corporation, The, 160 Madison Ave., Greene, N. Y. Trucks.**

Read Standard Corp., Div. Capitol Products, York, Pa. Ink mills; electric ink mixers and paddles.

Recht, William, Co., Inc., 50 Church St., New York 7, N. Y. Lithographic supplies.

Redington, F. B., Co., 3000 St. Charles Rd., Bellwood, Ill. Numbering machines, press counters.

Reeve Electronics, Inc., 609 W. Lake St., Chicago 6, Ill. Induction and Dialectric heaters, high frequency Sealer for binders and book covers utilizing plastic vinyl.

○Reeves Brothers, Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y. Press blankets, rubber and synthetic press rollers.

Reeves Pulley Co., Div. of Reliance Electric & Engineering Co., 1225 Seventh St., Columbus, Ind. Variable speed drives and pulleys.

Reid, William, Co., 2271 Clybourn Ave., Chicago 14, Ill. Magazine racks and motor drives; machinery dealers.

Reilly Electrotype Co., Div. of Electrographic Corporation, 305 E. 45th Ave., New York 17, N. Y. Electrotype and stereotype pre-makeready process.

Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O. Motors, controls and tachometers.

Renz, Fred, & Sons, Inc., 7025—83rd St., Glendale, L. I. 27, N. Y. Ruling and banding machines.

Research Products Corp., 1015 E. Washington Ave., Madison 10, Wis. Industrial humidifiers, air filters.

Revere Copper and Brass, Inc., 230 Park Ave., New York 17, N. Y. Anodes for electrotypers.

Revolvator Company, Tonnelle Ave., North Bergen, N. J. Portable elevator, lift trucks, storage racks, paper feeding lifts, hand lift trucks.

Reynolds Printasign Co., 9830 San Fernando Rd., Pacoima, Calif. Display type printer for department store signs; newspaper display for photoengraving, and announcement cards.

Rich & McLean, Inc., 345 Carnegie Ave., Kenilworth, N. J. Composing machine molds, magazines and parts, machinery dealer.

○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich. Saws, routers, lead and rule cutters, paper box machinery, cutting forms and dies.

Richardson-Sovde Co., Inc., 700 S. Fourth St., Minneapolis 15, Minn. Newspaper and commercial plant layouts, machinery dealers.

**Riegel Paper Corp., 260 Madison Ave., New York 16, N. Y. Tympan, tag and bristol papers.**

**Riehl Galley Lock Co., The, 748 E. 82nd St., Cleveland 3, O. End and side galley locks and type tie-up system.**

**Roberts, Lewis, Inc., 72 Union St., Newark 5, N. J. Letterpress and offset inks, varnishes and driers.**

Roberts Numbering Machine Div., Heller Roberts Mfg. Corp., 700 Jamaica Ave., Brooklyn 8, N. Y. Typographic and press counters.

**Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill. Offset platemaking and pressroom supplies.**

Robertson Brothers, Inc., 117 Cedar Lane, Englewood, N. J. Tipping machine and machinery dealers.

Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill. Gravure, offset and photoengraving equipment.

**Rockefeller, J. W., Jr. and Associates, 640 Morris Turnpike, Short Hills, N. J. Consulting printing engineers.**

**Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill. Cleaning solvents, offset blanket and roller washes, and lubricating oils.**

**Rogers Isinglass & Glue Co., 210 Eastern Ave., Gloucester, Mass. Photoengraving glue and top enamel.**

Rogers, Samuel C., & Co., Inc., 2070 Sheridan Dr., Buffalo 23, N. Y. Paper cutter knife grinders.

Rolled Plate Metal Co., 196 Van Brunt St., Brooklyn 31, N. Y. Zinc, copper and magnesium plates.

Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis. Color separation machine, illuminated transparency viewer and light table (can be used for stripping).

**Roosen, H. D., Co., Div. Columbian Carbon Co., 380 Madison Ave., New York, N. Y. Inks.**

Rosback, F. P., Co., 225 Fifth St., Benton Harbor, Mich. Perforators, punching machines and gathering machines, galley locks, bindery trucks.

Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y. Transparent sheeting for reproduction proofs, lithographic transfer paper, offset film, offset color correction filters, gravure tracing paper, frisket paper, film type fonts for reproduction.

Ross, Charles, & Son, Co., 148 **Classon Ave., Brooklyn 5, N. Y.** Ink mills.

Rotary Lift Co., Div. Dover Corp., 1054 Kansas St., Memphis 2, Tenn. Paper handling trucks.

Roth, David Z., & Co., 1235 Main Ave., Clifton, N. J. Dimensionally stable film for making photoengraving and offset negatives, molletons.

Rothlan Corporation, P.O. Box 5074, St. Louis 15, Mo. Open gear spray lubricant, spray anti-skinning agent for ink.

Rotobond Company, P.O. Box 69, Bound Brook, N. J. Laminating machine for applying acetate and other plastic films to book covers, displays, albums, charts, badges; laminating service.

○Roto-Verter, P.O. Box 9206, Birmingham 13, Ala. Rotary pallet load inverter.

○Rouse, H. B., & Co., 2214 N. **Wayne Ave., Chicago 14, Ill. Band saws, plate saws, cutters, miterers, composing sticks, and other composing room equipment.**

Rowell, W. Chas., 657 Tenth St., **Brooklyn 15, N. Y. Double rolling inking device for Michle vertical presses.**

Royal Zenith Corp., 180 Varick St., New York 14, N. Y. Single color offset printing press.

Royle, John, & Sons, 10 Essex St., **Paterson 3, N. J. Saws, routers, router bits, plate beveling machines.**

**Rudow, William B., 135 Henry St., New York 2, N. Y. Machinery dealers.**

**Russell Supply Co., Inc., 80 Washington St., New York 6, N. Y.** Auxiliary distributor for Kelly presses.

**Rutherford Machinery Co., Div** Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J. Branch offices: 1215 W. Washington Blvd., Chicago 7; 280 Lagauchetiere St., East Montreal 18, Que., Canada; 821 Queen St., E., Toronto 8, Ont., Canada. Gravure, offset, and photoengraving equipment; printing presses, bronzing machines and other equipment.

Ryan, E. G., and Co., 153 W. Huron St., Chicago 10, Ill. Washup device; machinery dealer.

## S

**S & M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif., Make-up and storage cabinets; page storage cabinets; linecomposing magazine racks, offset negative and plate cabinets.**

**S. & W. Machine Co., 26 Vine St., Cincinnati 2, O. Electrotype** plate bending machine, paper cutter knives.

**Sandblom Steel Chase Co., 426 S. Clinton St., Chicago 7, Ill. Electric welded steel chases.**

Sanitary Wiping Cloth Co., 1550 Ridgley St., Baltimore 30, Md. **Wiping cloths.**

**Saw and Knife Specialty Co., 6526 Carnegie Ave., Cleveland 3, O.** Metal and wood cutting saws, sharpening service.

Schaefer Machine Co., 145 Front St., Bridgeport 6, Conn. Edge gluers and cementers.

Scheinker, Ilya, Mechanical Engineering, 35 Great Jones St., New York 12, N. Y. Mechanical engineering; paper joggers.

Schmidt, H., & Co., 317 S. Paulina St., Chicago 12, Ill. Equipment for photoengraving and offset platemaking.

Schriber Machinery Co., 4900 Webster St., Dayton 4, O. Bindery and supplementary equipment for snapout and continuous business forms, rotary forms presses.

Schriber Press Co., 4900 Webster St., Dayton 4, O. Web fed letterpress and offset press.

Schwartz Bros., Auctioneers, 277 Broadway, New York 7, N. Y. Auctioneers.

Schweizer, Chas. K., Co., 231 Russell Ave., St. Louis 4, Mo. Hydraulic, electric and steam vulcanizers for making rubber printing plates.

○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J. Newspaper, offset and rotogravure presses and stereotype machinery.

Selas Corp. of America, Dresher, Pa. Ink drying equipment for letterpress and offset presses, web driers, metal melting furnaces.

Service Engravers, 692 Broadway, New York 12, N. Y. Special matrices made to order for linecomposing and Ludlow machines; reverse type for Ludlow machine.

○Shaffstall Equipment, Inc., 1717 Gent Ave., Indianapolis, Ind. Teletypesetter perforator justification control, assembler slide brake release and tape rewinder, perforator power shift.

Sharp Tool Service Co., 5401 W. Lake St., Chicago 44, Ill. Paper cutting knives and sticks, electrotype saws.

○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, **N. Y. Embossing presses, cutters, die presses, stitchers, covers, binders for bookbinders; newspaper section inserting machine.**

Sherwin - Williams Co., The, Graphic Arts Div., 101 Prospect Ave., N.W., Cleveland 1, O. Silk screen process supplies, photographic opaque ink and sensitizer.

○Shidler, V. C., Products, 720 Milford St., Glendale 3, Calif. Knurling attachment for Elrod; gauge for angle composition.

Showcard Machine Co., 1456 Merchandise Mart, Chicago 54, Ill. Showcard printing machines and supplies.

Shredmaster Corporation, The, 9 E. 40th St., New York 16, N. Y. Paper shredding machines.

○Shulman, Ben, Associates, Inc. 60 E. 42nd St., New York 17, N. Y. Machinery dealer.

Shyers Bookbinding Corp., 212 Johnson Ave., Newark 8, N. J. Loose leaf binding devices used in catalogs and books.

Siebold, J. H. & G. B., Inc., 150 Varick St., New York 13, N. Y. Letterpress and offset inks, compounds, driers, varnishes.

Signode Steel Strapping Co., 2600 N. Western Ave., Chicago 47, Ill. Wire machines, steel strap stretchers, wire and strapping.

Sigwalt Manufacturing Co., 3229 N. Sheffield Ave., Chicago Ill. Printing presses.

○Simco Company, The, 920 Walnut St., Lansdale, Pa. Transformers, motors, static eliminators, heaters, sheet warmers.

Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass. Paper cutter knives, cutting, creasing and perforating rule saws.

Simonds Worden White Co., Summit St. at Negley Place, Dayton 7, O. Paper cutter knives, planers.

**Simplex Gold Stamping Press Co., 55 W. 42nd St., New York 36, N. Y. Gold, color and black specialty imprinting presses and supplies.**

**Simplex Specialty Co., Inc., 116 W. 14th St., New York 11, N. Y. Print dryer.**

Simplex Time Recorder Co., 40 S. Lincoln St., Gardner, Mass. **Job cost and payroll recorders; time stamps.**

**Simpson, J. M., 120 Liberty St., New York 6, N. Y. Consulting engineer and equipment designer for the printing industry.**

○Sinclair & Carroll Co., Inc., 440 W. Superior, Chicago 10, Ill. Printing and offset inks.

Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y. Letterpress, gravure, offset inks, driers, compounds and varnishes; rubber blankets; transfer paper; lithographic chemicals.

SKF Industries, Inc., Front St. and Erie Ave., Philadelphia 34, Pa. Ball and roller bearings and graining balls.

Sleight & Hellmuth, Inc., 900 S. Clinton St., Chicago 7, Ill. Letterpress and offset inks, varnishes, driers and compounds.

Sloves Mechanical Binding Corp., 601 W. 26th St., New York 13, N. Y. Process binding, loose leaf binders, trade binding.

Smithe, F. L., Machine Co., Inc., 645 W. 44th St., New York 36, N. Y. Envelope making machinery.

Solar Gold Leaf Co., 216 Alabama St., Brooklyn 7, N. Y. Foil and leaf.

Sol-Dor Company, The, P.O. Box 585, Athens, O. Machines and solutions for simultaneous cleaning and lubrication of numbering heads and other precision mechanical devices.

Somerset Company, The, 441 Clay St., San Francisco 11, Calif. Used printing equipment.

Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif. Type metals, rules and borders; thermometers.

Sossner Steel Stamps, Inc., 161 Grand St., New York 13, N. Y. Steel magazine and newspaper headings.

**Southworth Machine Co., 30 Warren Ave., Portland 5, Me. Punches, cornering machines; joggers and special machinery; envelope printing press; humidifiers.**

Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass. Special printing presses, folding, ruling and gluing machines.

Spiral Binding Co., Inc., Coliseum Tower, 10 Columbus Circle, New York 19, N. Y. Spiral coil making machines, punching dies and machines for binding books, directories and catalogs.

○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif. Stereotype mat formers; vacuum casting boxes; curved routers, form files for composing rooms; color plate register device; plate trucks.

Sta-Warm Electric Co., 553 N. Chestnut St., Ravenna, O. Electric glue pots.

**Standard Paper Box Machine Co.,** Inc., 476 Broome St., New York 13, N. Y. Strip gluing machines.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill. Gravure printing equipment and processes, Wale rotary press.

**Standard Rewashed Wipers Co., 3120 Shields Ave., Chicago, Ill. Washed and sterilized wiping cloths.**

**Standard Wiping Materials, 645 Dean St., Brooklyn 38, N. Y. Wiping cloths.**

○Star Cement Co., 190 Wyoming Ave., Maplewood, N. J. Cut cement and cut tape, marking ink for plates and tapes.

○Star Parts, Inc., 2 S. Main St., South Hackensack, N. J. Linecomposing machine parts, supplies and accessories.

Starrett, L. S., Co., Crescent St., Athol, Mass. Gauges and precision tools; knives and blades.

Static Eliminator Co., 239 Centre St., New York 13, N. Y. **Heaters, oxidizers and neutralizers.**

○Statikil, 1220 W. Sixth St., Cleveland 13, O. Static eliminating spray for press cylinder tympans.

Staude, E. G., Mfg. Co., Inc., **2675 University Ave., St. Paul 14, Minn. Rotogravure, flexographic and rotary letterpress presses.**

Sta-Warm Electric Co., 666 N. Chestnut St., Ravenna, O. Electric glue pots.

**Steel City Printing Ink Co., 281 Corliss St., Pittsburgh 20, Pa. Offset and letterpress inks, varnishes, driers and compounds, spot carbon inks.**

Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y. Adhesives for bookbinders and carton sealing; anti-offset liquids and powders.

Stereotex Company, The, Newburyport, Mass. Automatic backing for newspaper stereotype mats; mat drier and former; plate shaver.

Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill. Molding presses, humidors, driers; stereotype supplies.

**Sterling Type Foundry, Charlotte, Mich. Type and type metal cuts.**

Stewart, Don, Co., 445 Clay St., San Francisco 11, Calif. Machinery dealers.

Sticht, Herman H., Co., Inc., 27 Park Pl., New York 7, N. Y. Static neutralizer bar, tachometers, thermometers and pyrometers.

Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y. Printing presses.

Stokes, A., Co., Stokes Lane, Hudson, O. Thermography equipment and supplies.

Stolp-Gore Company, 123 S. Jefferson St., Chicago 6, Ill. Special machinery for printers and bookbinders, machinery dealers.

Strathmore Paper Co., Front St., West Springfield, Mass. Bond, book, bristol, cover, parchment and specialty papers.

**Streamline Metal Feeder Co., 116 Walker St., New York 13, N. Y. Composing machine metal feeder.**

Stripfounders, Incorporated, 4550 S. Federal St., Chicago 9, Ill. Type and rule.

Stromberg Time Corp., Sub. of General Time Corp., 135 S. Main St., Thomaston, Conn. **Electric time clocks and recorders.**

Stone, Thos. and Geo. M., Inc., 1413 Chestnut Ave., Hillside 5, N. J. Hydraulic rotary embossing machine; gravure or aniline applicator rolls for lacquers and flexographic inks.

Strong Electric Corp., The, 87 City Park Ave., Toledo 1, O. **Arc lamps for photoengraving and offset.**

**Studebaker Hydraulic Products** Co., 1733 N. 33rd Ave., Melrose Park, Ill. Vulcanizing press for rubber and plastic plates and rubber stamps.

Stuebing Automatic Machine Co., **3424 Beekman St., Cincinnati 23, O. Metal edging machines, calendar slides.**

Sullebarger, E. T., Co., Inc., 114 Liberty St., New York 6, N. Y. **Photoengraving and offset** equipment and supplies; dealer.

Sun Oil Co., 1608 Walnut St., Philadelphia 3, Pa. Lubricating supplies; inks.

Super Speed Printing Machinery, Inc., E. 65th and Euclid, Cleveland 3, O. Saws, saw trimmers, paper drills, corner cutters, bindery trucks.

Superior - Tabbies, Incorporated, 900 N. Franklin St., Chicago 11, Ill. Pressure sensitive acetate index tabs.

**Surface Combustion Corp., 2375** Dorr St., Toledo 1, O. Type metal remelting furnaces; air conditioning.

Swift Engineering Co., 7001 N. Clark St., Chicago 26, Ill. Architectural and engineering service for printing plants.

**Switzer Brothers, Inc., 4723 St. Clair Ave., Cleveland 3, O.** Daylight fluorescent, letterpress, offset, gravure, and screen process inks.

**Syntron Company, 577 Lexington Ave., Homer City, Pa. Vibrating paper joggers.**

## T

**Takk Corporation, P.O. Box 346, Newark, O. Static eliminators.**

Tarpley, Geo., Co., P.O. Box 245, Chesterland, O. Routing bits.

**Tasope Company, The, Tasope Bldg., Aurora, Mo. Offset and** photoengraving equipment and supplies; powderless etching machine.

**Tauber Plastics, Inc., 200 Hudson St., New York 13, N. Y. Equipment and materials for plastic binding.**

**Taylor, W. A., & Co., 7300 York Rd., Baltimore 4, Md. pH control apparatus.**

**Taylor Instrument Companies, 95 Ames St., Rochester 1, N. Y.** Thermometers; indicating and control instruments for air conditioning, heating and ventilating equipment.

Taylor Machine Co., 1713 S. Clinton St., Baltimore 24, Md. Device for registering form with copy.

Taylor Made Rule Co., 65 Flatbush Ave., Brooklyn 17, N. Y. Rule and borders.

Teaneck Chemical Co., 197 Washington Ave., Carlstadt, N. J. Chemicals.

Technical Service Co., 2118 S. Bellaire, Denver 22, Colo. Consulting engineers specializing in newspaper plants.

Technicarbon Company, Inc., 85 Sargeant St., Holyoke, Mass. Onetime carbon paper in rolls, sheets, processed.

Telemat Corporation, 21 Lafayette St., Worcester 8, Mass. Padding presses.

○Teletypesetter (See Fairchilds Graphic Equipment, Inc.)

**Tenacity Manufacturing Co., Cooper and Hosea Sts. Lockland, 15, O. Metal parts for loose leaf binders.**

**Tenak Products Co. 2615 N. Paulina St., Chicago 14, Ill. Molding medium for electrotypers and plate mounting material.**

Tesch Manufacturing Co., 2121 N. Drew St., Appleton, Wis. Knife and saw filing and swaging machinery and saw trimmers.

Testing Machines, Inc., 72 Jericho Turnpike, Mineola, L. I., N. Y. Micrometer scales, gauges and paper testing instruments.

Thomas Collators, Inc., 50 Church **St., New York 7, N. Y. Gathering machines.**

Thompson Cabinet Co., Laura St., **Ludington, Mich. Composing room cabinets, stands, typecases, tables and trucks.**

**Thomson-National Press Co.,** Dean Ave., Franklin, Mass. **Platen printing presses, embossers, die heaters, cutting and creasing machines, machinery dealers for Bobst presses and equipment.**

**Tickle, Arthur, Engineering Works, Inc., 21 Delevan St., Brooklyn 31, N. Y. Reconditioning of printing press cylinders.**

**Tie Company, 14 Depot St., Unadilla, N. Y.** Bundling and tying devices.

Tileston & Hollingsworth, 211 Congress St., Boston 10, Mass. Bond, book, cover, mimeograph, offset, and bristol papers.

Timken Roller Bearing Co., 1835 Dueber Ave., S. W., Canton 6, O. Bearings.

**Timmons & Charles, 110 Academy St., Jersey City 2, N. J. Boiler or scale cleaning compounds.**

○Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y. Press and stereotype molding blankets.

Tintograph Company, 68 Jay St., Brooklyn 1, N. Y. Shading mediums.

**Ti-Pi Company, 1000 Broadway, Kansas City 5, Mo. Engraving tools and material for rubber platemaking.**

○Tirfing Printing Machinery, Inc., 400 Delancy St., Newark 5, N. J. Machinery dealers, distributors of Tirfing and Viking single color letterpress cylinder presses.

**Tolerton Company, 265 N. Freedom Ave., Alliance, O. Mounting materials and cutting sticks.**

**Tompkins Printing Equipment Co.,** 712 S. Clark St., Chicago 5, Ill. Machinery dealers, cameras, platemaking, dispatch and composing room equipment.

Ton-Tex Corporation, 247 Pearl St., N.W., Grand Rapids 2, Mich. Rubberized tape, belts and belting.

Tork Time Controls, Inc., 52 McQuesten Pkwy., Mt. Vernon, N. Y. Clock controlled switches and time clocks.

○Toronto Star, Ltd., The, 275 Albany Ave., Toronto 4, Canada. Newspaper bundling and tying machines.

**Towmotor Corporation, 1224 E. 152nd St., Cleveland 10, O. Paper handling trucks.**

Transilwrap Company, 4427 N. Clark St., Chicago 40, Ill. Plastic stocks for reproduction **proofing, wrappers and bindery use.**

Transkrit Corporation, 704 Broadway, New York 3, N. Y. Hot spot carbonizing for the trade. Branch office: 633 Plymouth Court, Chicago 5, Ill.

Trapp & Kuehnle Inc., 253 Pearl St., New York 38, N. Y. Typewriter ribbon attachment for platen presses.

**Treyco Products Co., 149 Longmeadow Rd., Buffalo 26, N. Y.** Sharpening fixtures and stands **for grinding saws of all kinds.**

**Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y. Inks for all processes, compounds, driers, varnishes and offset preventing spray.**

Trion, Incorporated, 1000 Island Ave., McKees Rocks, Pa. Equipment for eliminating floating offset particles and ink mist.

Tri-Par Controls, 9353 Seymour Ave., Schiller Park, Ill. Printing press control equipment.

**Triplet Gauge, 14 Vandewater St., New York 38, N. Y. Plate gauges and tympan papers.**

**Triumph Equipment Engineers,** 6504 Walker St., Minneapolis 26, Minn. Proof presses, saws, press punches, ink fountains, job press grippers and type high gauge.

**Tufcrete Company, Inc., 502 E. Locust St., Des Moines 9, Ia. Floor maintenance materials.**

**Troy Engine and Machine Co.,** 739 Parsons St., Troy, Pa. Ink mills and mixers.

○Turner Printing Machinery, Inc., 6510 Euclid Ave., Cleveland, O. Machinery dealers.

Twin City Lino Service, Inc., 2350 Highway 100 S., Minneapolis 16, Minn. Linotype service and dealer.

Twin City Printers Roller Mfg. Co., 565 S. Third St., Minneapolis 15, Minn. Composition rollers.

Type and Press of Illinois, Inc., 3312 N. Ravenswood Ave., Chicago 13, Ill. Machinery dealers.

Typecasting Machine Engineers, Inc., 5847 Lawrence Ave., Chicago 30, Ill. Method for reprocessing hot metal machine matrices; new matrices for hot metal composing machines.

Typefounders, Incorporated, 1006 N. Madison St., Phoenix, Ariz. Foundry type.

## U

Ulano Graphic Arts Supplies, Inc., 610 Dean St., Brooklyn 38, N. Y. Silk screen film, masking film, opaque, swivel knife.

Uni-Mark, Incorporated, 23 E. 26th St., New York, N. Y. Fabricated leather for bookbinding.

Union Rubber & Asbestos Co., 232 Allen St., Trenton 6, N. J. Adhesives.

Unique Steel Block Co., Inc., 304 Chemung St., Waverly, N. Y. Register base for presses, chase blocks, clamps.

United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill. Metals, metal flux, metal remelting furnaces and pig molds. Branch offices: 193 Diamond St., Brooklyn 22, N. Y., Charlotte 6, N. C.; San Francisco 7, Calif.; Los Angeles 58, Calif.

United Camera Co., Inc., 3021 N. Lincoln, Chicago 13, Ill. Bellows for cameras.

United Printing Ink Laboratories, **Inc., 1940 E. Letterly St., Philadelphia 25, Pa. Letterpress** and offset printing inks, metallic powders, ink mixer, varnish kettle.

**United Shoe Machinery Corp., 140 Federal St., Boston 7, Mass.** Eyeletting machines.

United States Radium Corp., Morristown, N. J. Static eliminator.

**United States Rubber Co., 1230** Ave. of the Americas, New **York 20, N. Y. Blankets and** rubber rollers.

**United Stereotype Supply Corp.,** P.O. Box 38, West Lynn, Mass. **Mat trimmer, pocket type metal thermometer, and stereotype supplies.**

Unitronics Div., Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa. Light integrating device for platemaking cameras, high speed electric eye counters and plate depth microscope.

Universal Jogger Co., 322 S. Fourth St., Minneapolis 15, **Minn. Jogging machines.**

○**Universal Mono-Tabular Corp.,** 715 N. Central Expressway, Richardson, Tex. Broach rule and slug cutter, strip caster.

U. S. Electrical Motors, Inc., **200 E. Slauson Ave., Los Angeles 54, Calif. Motors, variable** speed drives.

U. S. Printing Ink Corp., 66 Industrial Ave., Little Ferry, N. J. Offset and letterpress inks.

U. S. Stoneware Co., Tallmadge Ave., Akron 9, O. Etching machines, tubs for etching zinc and copper plates.

**U. S. Wiping Cloth Co., Third and Lynch Sts., St. Louis 18, Mo. Wiping cloths.**

**Utility Heater Co., 239 Centre St., New York 13, N. Y. Heaters, oxidizers and machinery dealers.**

## V

Vacuumatic North America, Inc., Chrysler Bldg., 405 Lexington Ave., New York 17, N. Y. Stack paper counting machines which count 1500 sheets per min. automatically.

○Valley Manufacturing Co., Valley, Neb. Expansion chucks for paper rolls.

**Valley Paper Co., Holyoke, Mass.** Rag content bonds, ledgers, onion skin, and specialty papers.

○**Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill. Proof presses, test presses,** block leveler, plate gauges, lite-base test blocks, premake-**ready and press makeready systems,** offset proof press.

Vapo Systems Co., 130-32 W. Home Ave., Villa Park, Ill. Equipment for moisturizing roll paper at high press speeds.

Vari-Typer Corporation, 720 Frelinghuysen Ave., Newark 5, N. J. Justifying typewriters for photomechanical reproduction; photolettering machine.

Veeder-Root, Incorporated, 70 Sargeant St., Hartford 2, Conn. Press counters.

**Vermont Marble Co., 61 Main St., Proctor, Vt. Marble imposing surfaces and ink slabs.**

Verner, B., & Co., Inc., 52 Duane St., New York 7, N. Y. Cylinder imprinting and envelope presses.

**Vibration Eliminator Co., 10-28—47th Ave., Long Island City 1, N. Y. Vibration eliminating equipment.**

**Viking Engraving Corp., The, 1432 N. Grant Ave., Columbus 1, O. Rotogravure engraved cylinders.**

Virkotype Corporation, 111 Rock Ave., Plainfield, N. J. Raised **letter machinery and powders.**

**Visual Plant Layouts, Inc., Pennsylvania Ave. at River, Oakmont, Allegheny County, Pa. Two and three dimensional plant layout methods.**

**Vogt Roller Co., Inc., 222 S. 12th** St., Louisville 3, Ky. Branch office: 526 N. Western Ave., Chicago 12, Ill. Composition and rubber rollers for offset, letterpress, newspaper and graining machines.

## W

**Walbert Machine Co., 819 E. 19th St., Kansas City 8, Mo. Skid** lift, envelope printing presses.

Waldron, John, Corp., P.O. Box 791, New Brunswick, N. J. Rotogravure, offset and flexographic presses, embossing presses, coating machines, slitting and rewinding equipment.

**Walker, E. H., Supply Co., Inc., 140 Que St., N. E., Washington 2, D. C.; 614 E. Main St., Richmond 19, Va. Gravure, offset and photoengraving equipment and supplies.**

**Walton Laboratories, Inc., 1186 Grove St., Irvington 11, N. J. Humidifiers and dehumidifiers, humidity controls.**

Wapakoneta Machine Co., Wapakoneta, O. Paper knives.

**Wardwell Manufacturing Co., 3805 Ridge Rd., Cleveland 9, O. Saw sharpening equipment.**

**Warren, S. D., Co., 89 Broad St.,** Boston 1, Mass. Central Mill, 2400 Lake Shore Dr., Muskegon, Mich. Book, coated board and paper, offset, postcard and specialty papers; reproduction proof stock.

Watervliet Paper Co., Div. of Hammermill Paper Co., Watervliet, Mich. Book, coated, offset and specialty papers.

**Wax Refining Co., 2001 S. California Ave., Chicago 8, Ill. Printing ink compounds and reducers, offset preventing spray gun solutions and wax ink conditioner for process colors.**

Webb Machine Works, 1252 Dalzell **St., Shreveport, La.** Hand trucks, carts, proof presses, mailing room conveyors.

Webendorfer Company, Saugatuck, Conn. Web offset, rotary letterpress and silk screen textile printing presses.

**Wehrung & Billmeier Co., 3624 Lincoln Ave., Chicago 13, Ill. Foil and leaf.**

Welch, W. M., Mfg. Co., 1515 Sedgwick St., Chicago 10, Ill. Reflection and transmission densitometers for determining negative densities and ink film thicknesses.

**Wells Manufacturing Co., 1701 S. Main St., South Bend 23, Ind. Plate mounting base.**

○Wesel Manufacturing Co., 1141 **N. Washington Ave., Scranton** 9, Pa. Composing room, elec-**trotyping, photoengraving, ster-**eotyping, offset, and press room equipment.

○**West Virginia Pulp and Paper Co.,** 230 Park Ave., New York 17, N. Y. Bond, book, bristol, coated board and paper, cover, offset, postcard, press board, rotogravure, specialty, tag, kraft, envelope, mimeograph and duplicator paper.

**Westcott & Thomson, Inc., 1027 Arch St., Philadelphia 5, Pa. Plate separator, electrotype straight line backing-up unit, vacuum stereotype casting boxes, rubber plates.**

Western Bellows Co., 5234 Valley Blvd., Los Angeles 32, Calif. Bellows for cameras.

Western Brush Co., Inc., 219 S. Western Ave., Chicago 12, Ill. Static eliminator brush for printing presses.

Western Newspaper Union, Printing Machinery Dept., 310 E. 45th St., New York 17, N. Y. Branches: 15 N. 22nd St., Billings, Mont.; 144 High St., Boston 10, Mass.; 556 W. Monroe St., Chicago 6, Ill.; 22 E. 12th St., Cincinnati 10, O.; 300 E. Long St., Columbus 15, O.; 108 W. Seventh St., Des Moines 3, Ia.; 402 Fourth Ave., N., Fargo, N. Dak.; 304 W. 10th St., Kansas City 5, Mo.; Y St. at 20th, Lincoln, Neb.; 500 E. Second St., Little Rock, Ark.; 395 S. Front St., Memphis 2, Tenn.; 217 N. Harvey St., Oklahoma City 1, Okla.; 72 First Ave., Pittsburgh 22, Pa.; 126 Pierpont Ave., Salt Lake City 10, Ut.; 1812 Van Loan St., Shreveport 69, La.; Fifth and Virginia Sts., Sioux City 2, Ia.; 601 E. Fourth St., Tulsa 3, Okla.; 201 S. St. Francis Ave., Wichita 1, Kan. Printing and bindery machinery and supplies.

**Western Printing Machinery Co., 3519 N. Spaulding Ave., Chicago 18, Ill.** Honeycombed plate cylinders for printing presses, and rotary color units for **Miehle presses.**

Western Roto Engravers, 1225 Sixth St., Berkeley 10, Calif. Cylinder sleeve and platemaking for the trade.

**Western States Envelope Co., 1616 W. Pierce St., Milwaukee 46, Wis. Envelopes.**

Weston Instruments, Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J. Moisture indicators, metal thermometers and pyrometers, humidifiers and humidity controllers.

○**Wetter Numbering Machine Co., Atlantic Ave. and Logan St., Brooklyn 8, N. Y. Numbering machines.**

**Wheelwright Div., Mead Papers,** Inc., Leominster, Mass. Blanks, bristol and cover papers.

White, Sid, 132 Nassau St., New York 38, N. Y. Auctioneer and appraiser.

Whiting-Plover Paper Co., Stevens Point, Wis. Bond, ledger and specialty papers.

**Whitmore Manufacturing Co., The,** 3816 Iron Court, Cleveland 4, O. Lubricants.

**Wiebking Engraving Co., 1133** W. Newport Ave., Chicago 13, Ill. Special engraved matrices for composing machines.

**Wild & Stevens, Inc., 45 Industrial Pl., Newton Upper Falls,** Mass. Letterpress, gravure, and **offset rollers; machinery dealers.**

Will-Lo Products, 4518 N. Winchester, Chicago 40, Ill. Platen **press grippers.**

○Williamson & Company, Inc., P.O. Box 71, Caldwell, N. J. Direct pressure presses and equipment for electrotype, plastic, rubber and stereotype molding.

Willsea Works, 371 St. Paul St., Rochester 5, N. Y. Specialty press manufacturers.

**Wilsolite Corporation, 1827 Niagara St., Buffalo 7, N. Y. Matrix material for rubber and/or plastic plate welding; offset blankets.**

Wing, L. J., Mfg. Co., N. Stiles St., Linden, N. J. Air conditioning equipment.

**Wing's, Chauncey, Sons, 78 Pierce St., Greenfield, Mass. Mailing label machine.**

**Winn & Goodman, 440 Sansome St., San Francisco 11, Calif. Composition rollers and padding compound.**

**Winslow Ink Corp., 104 Greene St., New York 12, N. Y. Letterpress and offset inks.**

Winton Engineering Co., 2353 May St., Cincinnati, O. Dry powder offset and spray scanner, stack unloader board and sheet scanner for inspection and makeready markup.

○Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J. Newspaper and magazine materials handling equipment, automatic strapping and wire tying equipment, engineered systems.

Wise, Incorporated, 1420 Western Ave., Pittsburgh 33, Pa. Printing machinery and supplies dealer.

**Wolfer Printers Supply, Inc., 1221 Maple Ave., Los Angeles 15, Calif. Automatic gas burners and machinery dealers.**

**Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich. Flexographic printing presses, slitting and rewinding equipment, box and carton equipment.**

○Wood Flong Corp., Davis St., Hoosick Falls, N. Y. Newspaper, syndicate, and advertising mats for stereotyping; stereotype equipment and supplies.

○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J. Newspaper presses and stereotyping equipment.

○Worthington, Emory W., and Associates, 957 E. Glen Ave., Ridgewood, N. J. Engineering and consulting service to equipment manufacturers and to publishing and printing plants.

**Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa. Gold hot stamping presses; foil and leaf.**

Wyomissing Paper Products, Div. Narrow Fabric Co., 19 S. Second Ave., West Reading, Pa. Flint glazed metallic and mat papers.

## Y-Z

**Yale & Towne Mfg. Co., 11000 Roosevelt Blvd., Philadelphia 15, Pa. Paper handling trucks.**

**Yeager Newspaper Machinery** Supply Co., P.O. Box 3974, San Juan, Puerto Rico. Machine for cleaning ink pump boxes, portable ink fountains, dross sifting equipment, stereotype mat seasoning compound to reduce packing.

York Corporation, Sub. of Borg Warner Corp., Grantley Rd., York, Pa. Air conditioning equipment.

**Young Engineering Co. 3435 N. Sheffield Ave., Chicago 14, Ill. Roll feed platen, flexographic, rotogravure and special presses, bag making equipment, box and carton equipment, macerating machine, slitters and rewinders,** and special machinery.

Young, Paul O., Line Lexington, Pa. Hand and platform trucks.

Zarkin Machine Co., Inc., 34-19 Tenth St., Long Island City 6, N. Y. Equipment for offset platemakers.

**Zeiss, Carl, Inc., 485 Fifth Ave., New York 17, N. Y. Magnifying and reducing glasses, lenses, mirrors and prisms for cameras.**

**Zernickow, O., Co., 15 Park Row, New York 38, N. Y. Tachometers.**

○Zimmer Printers Supply Co., Inc., **72 Beekman St., New York 38, N. Y. Machinery dealers; steel** cutting, creasing and perforating rule.


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# 1960 Printing Press Specifications

**LETTERPRESS, OFFSET, GRAVURE, DIE STAMPING, SCREEN PROCESS**

**Maximum and Minimum Sheet Size, Inside Chase Capacity or Maximum Plate Area and Impressions per Hour on Platen, Cylinder and Rotary Letterpress Machines, Wet and Dry Offset Presses, Newspaper Presses, Flexographic Presses, Sheet- and Roll-feed Gravure Presses, Die Stamping Presses, and Screen Process Presses, according to manufacturers' specifications**

(PRINTING PRODUCTION has taken every precaution in compiling these tables to furnish specifications exactly as sent by manufacturer. For that reason, we cannot be responsible for errors.)

## Key Reference Numbers of Press Manufacturers

(See Manufacturers' Index for complete addresses of companies listed below.)

1—Chandler & Price Co.
2—Craftsmen Machinery Co.
3—E. G. Staude Mfg. Co.
4—Brandtjen & Kluge, Inc.
5—Miller Printing Machinery Co.
6—American Type Founders, Inc.
7—The Miehle Company, Div. Miehle-Goss-Dexter, Inc.
8—B. Verner & Co., Inc.
11—New Era Mfg. Co.
12—The Cottrell Company, Sub. of Harris-Intertype Corp.
13—Walter Scott & Co., Div. of Wood Newspaper Machinery Corp.
14—Mergenthaler Linotype Co.
15—Champlain Co., Inc.
16—George Hantscho Co., Inc.
17—The Goss Company, Div. Miehle-Goss-Dexter, Inc.
18—The Hamilton Tool Co.
19—Hess & Barker
20—R. Hoe & Co., Inc.
21—Hudson Sharp Machine Co.
22—Kidder Press Co.
23—Dilts Div., The Black-Clawson Co., Inc.
24—Willsea Works
25—Harris-Seybold Co., Div. of Harris-Intertype Corp.
26—Stoessel Machine Mfg. Co.
27—Orville Dutro & Son, Inc.
28—Southworth Machine Co.
29—Rutherford Machinery Co., Div. Sun Chemical Corp.
30—Schriber Press Co.
31—Potdevin Machine Co.
32—Frostad Engineering Co.
33—Wood Newspaper Machinery Corp.
34—Young Engineering Co.
35—Heinrich Equipment Corp.
36—Haida Engineering Co.
37—Wolverine Paper Converting Machinery Corp.
38—Banthin Engineering Co.
39—Cronite Co., Inc.
40—HCM Corporation
41—Thomson-National Press Co.
42—Pearce Development Co.
43—Paper Converting Machine Co.
44—George F. Motter's Sons
45—Precise Engineering Co., The
46—Heidelberg Automatic Presses
47—General Research & Supply Co.
48—Dependable Compressor & Machine Co.
49—Standard Process Corp.
51—Lawson Printing Machine Co.
53—R. W. Crabtree & Sons (Canada) Ltd.
54—Davidson Corporation
55—Royal Zenith Corp.
56—Machinery Div., Fred'k H. Levey Co., Inc.
57—Tirfing Printing Machinery, Inc.
58—Specialty Automatic Machine Corp.

## PLATEN PRESSES

| MAKE AND MODEL | Maximum Sheet (Inches) | Minimum Sheet (Inches) | Maximum Type Form (Inches) | Impressions Per Hour | Shipping Weight Equipped | Floor Space (Inches) |
|---|---|---|---|---|---|---|
| Chandler & Price, Pilot Press, 6½x10[1] | 7¼x12½ | 1½x3 | 6½x10 | Hand Feed | 200 lbs. | 22½x34 |
| Chandler & Price, NS, 8x12[1] | 9 x12½ | 1⅞x3⅜ | 8 x12 | 3,000 | 1,319 " | 40½x48 |
| Chandler & Price, NS, 10x15[1] | 11 x15½ | 1⅞x3⅜ | 10 x15 | 2,700 | 1,630 " | 47 x55 |
| Chandler & Price, NS, 12x18[1] | 13 x19 | 1⅞x3⅜ | 12 x18 | 2,500 | 2,275 " | 55½x60 |
| Chandler & Price, NS, 14½x22[1] | 15 13/16x23¼ | 3¼x5 | 14½x22 | 1,800 | 2,844 " | 62½x67 |
| Chandler & Price Craftsman Automatic Unit 14½x22[1] | 15 13/16x23¼ | 3¼x5 | 14½x22 | 2,600 | 3,925 " | 62 x75 |
| Chandler & Price Super Hvy. Duty Craftsman 14½x22[1] | 15 13/16x23¼ | 3¼x5 | 14½x22 | 2,300 | 5,100 " | 62 x75 |
| Chandler & Price Box Press, 14½x22[1] | 15 13/16x35 | 3¼x5 | 14½x22 | 1,800 | 2,870 " | 62½x67 |
| Chandler & Price Side Delivery Craftsman Unit, 10x15[1] | 11 x17 | 1⅞x3⅜ | 10 x15 | 4,500 | 3,050 " | 51 x65 |
| Chandler & Price Side Delivery Craftsman Unit, 12x18[1] | 13 x19 | 1⅞x3⅜ | 12 x18 | 4,000 | 3,800 " | 59 x67 |
| C-M-C Jobbers[2] | 7¾x11½ | ..... | 7 x11 | Up to 3,500 | 605 " | 36x24 |
| C-M-C Victory Hand Press[2] | 4½x 6⅜ | ..... | 4½x 6⅜ | ..... | 72 " | 12x24 |
| C-M-C Imperial Hand Press[2] | 5x8 | ..... | 5x8* | ..... | 100 " | ..... |
| C-M-C Superior Hand Press[2] | 6½x10 | ..... | 6½x10* | ..... | 175 " | 22x34 |
| Heidelberg 10x15[46] | 10¼x15 | 1½x2¾ | 10¼x13¾* | Up to 5,000 | 2,950 " | 57x64† |
| Heidelberg 13x18, Combination Die-Cutting and Printing[46] | 13⅜x18⅛ | 3½x4 | 12⅝x17¾* | Up to 4,000 | 5,600 " | 66x82† |
| Kluge Automatic 10x15[4] | 12 x16 | 1⅞x3 | 10½x15⅝ | 4,000 | 2,800 " | 48x74 |
| Kluge Automatic 12x18[4] | 14 x19 | 1⅞x3 | 13 x19 | 3,500 | 3,750 " | 56x82 |
| Kluge 10x15 Combination Die-Cutting and Printing[4] | 12 x16 | 1⅞x3 | 10½x15⅝ | 4,000 | 3,000 " | 48x74 |
| Kluge 12x18 Combination Die-Cutting and Printing[4] | 14 x19 | 1⅞x3 | 13 x19 | 3,500 | 3,945 " | 56x82 |

*(Continued on Next Page)*

## PLATEN PRESSES—(Continued from Preceding Page)

| MAKE AND MODEL | Maximum Sheet (Inches) | Minimum Sheet (Inches) | Maximum Type Form (Inches) | Impressions Per Hour | Shipping Weight Equipped | Floor Space (Inches) |
|---|---|---|---|---|---|---|
| Thomson Laureate Light Embossing and Stamping Press[41] | ..... | ..... | 14 x22* | ..... | ..... | ..... |
| Thomson Heavy Embossing and Stamping Press[41] | ..... | ..... | 12½x18½ | Up to 2,000 | ..... | ..... |
| Thomson Heavy Embossing and Stamping Press[41] | ..... | ..... | 18 x24 | Up to 1,800 | ..... | ..... |
| Thomson Cutting and Creasing Press, crank-action type, Style 6[41] | ..... | ..... | 22 x32 | 720 to 2,160 | 7,648 lbs. | ..... |
| Thomson Cutting and Creasing Press, crank-action type, Style 6[41] | ..... | ..... | 28 x41 | 750 to 2,250 | 9,782 " | ..... |
| Thomson Cutting and Creasing Press, eccentric action type, Style 9-6[41] | ..... | ..... | 28 x41 | Variable Speed Motor 935 to 1,870<br>V. S. Transmission 793 to 2,380 | With V.S. Motor<br>Hand Clutch 12,650<br>Elec. Clutch 12,950<br>With V.S. Trans.<br>Hand Clutch 12,790<br>Elec. Clutch 13,090 | 105 x 119<br>105 x 119<br>105 x 119<br>105 x 119 |
| Thomson Cutting and Creasing Press, crank-action type, Style 6[41] | ..... | ..... | 33 x47 | 630 to 1,890 | 15,207 lbs. | 125x129 |
| Thomson Cutting and Creasing Press, combination action type[41] | ..... | ..... | 38 x54 | 600 to 1,800 | 22,790 " | 169x142 |
| Thomson Cutting and Creasing Press, combination action type[41] | ..... | ..... | 44 x66 | 600 to 1,800 | 30,530 " | 138x 93 |
| Thomson Laureate Printing Press[41] | ..... | ..... | 14 x22 | 900 to 2,500 | 3,585 " | 53x 54 |
| Thomson Colt's Armory Printing Press[41] | ..... | ..... | 14 x22 | 900 to 2,000 | 3,030 " | 48x 51 |
| Thomson Automatic Heavy Duty[41] | ..... | ..... | 17 x25 | Up to 2,400 | 9,200 " | 90x121 |

*Inside chase dimensions.
†Floor space with tables included.

[1]Chandler & Price Co.
[2]Craftsmen Machinery Co.
[4]Brandtjen & Kluge, Inc.
[41]Thomson-National Press Co.
[46]Heidelberg Automatic Presses

## ROLL-FEED HIGH SPEED PLATEN MACHINES

| MAKE AND MODEL | Max. Web Width (Inches) | Inside Chase Dimensions (Inches) | Max. Paper Feed p.l. | Number feeds possible p.l. | Impressions Per Hour | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|---|
| New Era Multi-Process 6x6[11] | 7 | 6 3/32x 7 | ..... | 1 or 2 | 8,000 | ..... | ..... |
| New Era Multi-Process 9x12[11] | 13 | 10 x13 | ..... | 1, 2 or 3 | 7,500 | ..... | ..... |
| New Era Multi-Process 12x12[11] | 13 | 13 x13 | ..... | 1, 2 or 3 | 7,500 | ..... | ..... |
| New Era Multi-Process 12x18[11] | 19 | 13 x19 | ..... | 1, 2 or 3 | 7,500 | ..... | ..... |
| These presses are built in units so any number of colors can be printed on the top or bottom. Units for punching, perforating, slitting, die cutting, numbering, putting on reinforcing, patching and eyeletting tags, delivering the finished product cut-off, rewound, or zig-zag folded complete in one operation. | | Max. Ptg. Area (Inches) | | | | | |
| Pearce Multi-Converter[42] | 16 | 12 x14 | 12 | 3 | Max. 6,000 | Dependent on press | |
| For printing and fabricating tags, tickets and labels. Press can be made with any number of printing units, for one or two side printing. | Chase Size (Inches) | | | | | | |
| Young Hypromatic Press[34] | 4x 8 | ..... | ..... | ..... | 12,000 | ..... | ..... |
| Will print any number of colors, front or back. | 7x11 | ..... | ..... | ..... | 12,000 | ..... | ..... |
| | 8x16 | ..... | ..... | ..... | 9,000 | ..... | ..... |
| Young Cloth Label Press[34] | 7x14, 8x16, 9x22 | ..... | ..... | ..... | ..... | ..... | ..... |

[11]New Era Mfg. Co.
[34]Young Engineering Co.
[42]Pearce Development Co.

## CYLINDER PRESSES (Single Color)

| MAKE AND MODEL | Maximum Sheet (Inches) | Minimum Sheet (Inches) | Maximum Type Form (Inches) | Impressions Per Hour | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|
| Albert ALA-S[40] | 15½x22½ | 4 x 6 | 15 x22 | 5,200 | 5,000 lbs. | 6'4"x4' |
| Albert ALA[40] | 15 x22 | 4 x 6 | 14 x21¼ | 5,000 | 5,000 " | 6'4"x4' |
| Albert GRALA[40] | 22 x30 | 8 x12 | 21⅛ x30 | 4,500 | 9,000 " | 9' x6'2" |
| Albert GRALA-S[40] | 22 x30 | 8 x12 | 21⅛ x30 | 4,500 | 10,000 " | 10'5"x6'2" |
| Albert GRALA-E[40] | 22 x31 | 8 x12 | 21⅛x31 | 4,500 | 10,000 " | 10'5"x6'2" |
| Albert President[40] | 26 x37¾ | 13 x18 | 26 x37 | 3,000 | 20,000 " | 12'6"x8'9" |
| Albert President-E[40] | 27½x39¾ | 13 x18 | 27 x38 | 3,000 | 20,000 " | 12'6"x8'9" |
| Albert Consul[40] | 31½x44 | 16 x22 | 30 x42 | 2,800 | 24,000 " | 13'6"x9'2" |
| ATF Little Giant No. 6[6] | 12 x18 | 3¼x 5½ | 11¾x17½ | 2,500 to 5,000 | 2,730 " | 34"x 88" |

*(Continued on Next Page)*

## CYLINDER PRESSES (Single Color)—(Continued from Preceding Page)

| MAKE AND MODEL | Maximum Sheet (Inches) | Minimum Sheet (Inches) | Maximum Type Form (Inches) | Impressions Per Hour | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|
| **Banthin Automatic[38]** | 13 x20 | 3¼x 5½ | 12¼x19 | 1,800 to 4,200 | 2,500 lbs. | 38"x94" |
| **Chandler & Price Cylinder Press[1]** | 12¼x18½ | 3¼x 5½ | 12 x18 | Up to 5,000 | 2,324 " | 41"x77" |
| Heidelberg Cylinder 21x28 Combination Die-Cutting and Printing[46] | 21¼x28⅜ | 4½x 6⅜ | 20¼x28 | 2,000 to 4,000 | 10,846 " | 6'3"x11'2¼" |
| Heidelberg Cylinder 15 x 20½[46] | 15 x20½ | 4⅛x 5⅞ | 14¼x20¼ | 2,500 to 5,000 | 6,630 " | 4'7"x 8'4" |
| Mergenthaler 22[14] | 17½x22½ | 5⅞x 4⅛ | 17⅛x21⅝ | 5,000 | 6,400 " | 7'4"x4'4"x5' |
| Miehle Vertical V-50[7] | 14 x20 | 3¼x 5½ | 12¼x19-2R<br>13¼x19-1R | 3,000 to 5,000 | 3,100 " | 4'1 1/16"x5'2⅝" |
| Miehle No. 29 Letterpress[7] | 22 x28 | 8½x11 | 20¼x26 | 2,500 to 4,500 | 10,260 " | 5'5"x11'10" |
| Miehle No. 56 Letterpress[7] | 42 x56 | 19 x25 | 38 x52½* | 1,350 to 2,250 | 34,080 " | 9'11 11/16"x29'3" |
| Miller-M.A.N. Poly-Automat 14½x20½[5] | 14½x20½ | 5⅞x 5⅞ | 12⅝x20 | 1,400 to 5,000 | 4,200 " | 4'2"x7'5⅜" |
| Miller 20x26 (SG)[5] | 20 x26 | 7 x10 | 19 1/16x25⅛ | 2,750 to 5,000 | 8,050 " | 4'7"x10'2" |
| Miller 21x28 (SW)[5] | 21 x28 | 8½x11 | 20¼x28 | 2,750 to 5,000 | 12,100 " | 5'4½"x11'3" |
| Miller 27x41 (SY)[5] | 28 x41 | 11 x17 | 25 x41† | 2,400 to 4,250 | 20,000 " | 6'7¾"x 15'10⅞" |
| Multipress FR[8] | 9 x14 | 1 x 3 | 9 x11½ | Up to 7,000 | 1,200 " | 18"x5'8" |
| Tirfing 41[57] | 31 x41 | 18¼x25⅛ | 30 x41 | 1,000 to 4,000 | 25,800 " | 8'3"x20'6" |
| Tirfing 48[57] | 35⅞x49⅝ | 19¾x23⅝ | 35 x48⅝ | 1,000 to 3,000 | 27,300 " | 9'1½"x 25'3½" |
| Viking 48[57] | 35⅞x49⅝ | 19¾x23⅝ | 35 x48⅝ | 1,000 to 3,000 | 23,400 " | 9'1½"x 24'2½" |

*Maximum type form locked in chase; four rollers.
†Maximum type form on bed with cylinder advanced and one form roller lifted, 27½" x 41".

[1]Chandler & Price Co.
[5]Miller Printing Machinery Co.
[6]American Type Founders, Inc.
[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.
[8]B. Verner & Co., Inc.
[14]Mergenthaler Linotype Co.
[38]Banthin Engineering Co.
[40]Consolidated Intl. Equipment and Supply Co.
[46]Heidelberg Automatic Presses
[57]Tirfing Printing Machinery, Inc.

## CYLINDER PRESSES (Two-color)

| MAKE AND MODEL | Maximum Sheet (Inches) | Minimum Sheet (Inches) | Maximum Type Form (Inches) | Impressions Per Hour | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|
| Miehle No. 56 TC Letterpress[7] | 38 x56 | 19x25 | 37½x52½* | 1,200 to 2,250 | 50,000 " | 10'5 1/16"x 34'6⅝" |
| Miller 21x28 (TW)[5] | 21 x28 | 8½x11 | 19¼x28† | 2,200-4,000‡ | 15,650 " | 5'4½"x12'7¼" |
| Miller 27x41 (TY)[5] | 27½x41 | 11x17 | 25 x41† | 2,200-3,750‡ | 28,000 " | 6'8¾"x 18'4½" |

*Locked in chase; front bed, four rollers.
†Maximum type form locked on bed.
‡Two-color impressions per hour.

[5]Miller Printing Machinery Co.
[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.

## CUTTING AND CREASING PRESSES

| MAKE AND MODEL | Maximum Sheet (Inches) | Minimum Sheet (Inches) | Maximum Form in Chase (Inches) | Impressions Per hour | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|
| Champlain 14" Swing Type[15] | 15† | ..... | 14 x14 | 15,000 | 8,000 lbs. | 12'x5' |
| Champlain 20" Swing Type[15] | 21† | ..... | 20 x14 | 15,000 | 13,000 " | 12'x6¼' |
| Champlain 36" Stationary Type[15] | 37† | ..... | 36 x36 | 12,000 | 47,000 " | 25'x12¼' |
| Champlain 44" Stationary Type[15] | 45† | ..... | 36 x44 | 12,000 | 57,000 " | 25'x13' |

All Champlain Cutting and Creasing Presses are equipped with automatic stripping device and can be equipped with electronic control unit for the automatic registering of a pre-printed web to die-cutting; also can be provided with any number of color units of the letterpress, flexographic or rotogravure type for production of printed, die-cut and creased, and stripped cartons in one operation.

| | | | | | | |
|---|---|---|---|---|---|---|
| Heidelberg 10x15 Automatic Platen Cutter and Creaser[46] | 10¼x15 | 1½x2¾ | 10¼x13¾ | 5,000 | 2,200 " | 5'4"x4'9" |
| Heidelberg 13x18 Automatic Platen Cutter and Creaser[46] | 13⅜x18⅛ | 3½x4 | 12⅝x17¾ | 4,000 | 4,630 " | 6'6"x4'7" |
| Heidelberg 22x28 Automatic Cylinder Cutter and Creaser[46] | 22 x28 | 4½x6⅝ | 21½x28 | 4,000 | 10,080 " | 9'7"x6'3" |

Two-up facilities are standard equipment on all Heidelberg Automatic Cutters and Creasers.

(*Continued on Next Page*)

## CUTTING AND CREASING PRESSES—(Continued from Preceding Page)

| MAKE AND MODEL | Maximum Sheet (Inches) | Minimum Sheet (Inches) | Maximum Form in Chase (Inches) | Impressions Per hour | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|
| Miehle No. 70 Cutter and Creaser[7] | 46¼x69½ | ..... | 46¼x64¼ | 1,900 | 35,000 lbs. | 11'8¼"x29'2½" |
| Miehle No. 29 Cutter and Creaser[7] | 22 x28 | 8½x11 | 20½x26 | 4,500 | 9,560 " | 8'10"x15'1" (Open) |
| Miehle No. 76 Cutter and Creaser[7] | 52 x80 | ..... | 52 x79½ | 2,400 | 41,200 " | 12'9"x30'6" |
| Miller 28x41 CY Cutter and Creaser[5] | 28 x41 | 11 x17 | 28 x38 | 2,100 to 4,250 | 19,300 " | 6'8½"x15'11¾" |

*Maximum die locked in chase.
†Maximum web width in inches.

[5]Miller Printing Machinery Co.
[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.
[15]Champlain Company, Inc.
[46]Heidelberg Automatic Presses

## ENVELOPE PRESSES

| MAKE AND MODEL | Max. Blank Size (Inches) | Min. Blank Size (Inches) | Maximum Type Form (Inches) | Impressions Per Hour | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|
| Attachments[1] available for Chandler & Price platen presses for printing died-out and made-up envelopes | ..... | ..... | ..... | ..... | ..... | ..... |
| Attachments available for Brandtjen & Kluge platen presses for printing died-out and made-up envelopes[4] | ..... | ..... | ..... | ..... | ..... | ..... |
| Harris Single Color, 2 Roller Envelope Blanker Model TRA[25] | 11¾x19⅞ (No.14 Legal) | 4x5½ (No.1 Drug) | ..... | Up to 15,000 | 2,125 lbs. | 3'4"x3'7" |
| Harris Single Color, 4 Roller Envelope Blanker Model TRA[25] | 11¾x19⅞ (No.14 Legal) | 4x5½ (No.1 Drug) | ..... | Up to 15,000 | 2,200 " | 3'4"x3'7" |
| Harris Two-Color Envelope Blanker Model TRA[25] | 11¾x19⅞ (No.14 Legal) | 4x5½ (No.1 Drug) | ..... | Up to 15,000 | 2,800 " | 3'4"x5'1" |
| All models: Max. rectangular sheet, 8½"x11"; max. made-up open-end envelope, 12"x15"; speed for made-up open-end envelopes, up to 9,000 i.p.h. | | | | | | |
| Multipress Model C (Non-Rotary)[8] | 9x14 | 1x3 | 8½x11½ | 6,500 | 950 " | 2'x6' |
| Multipress Model FS (Non-Rotary)[8] | 13x18 | 4x9 | 11 x17 | 5,500 | 1,800 " | 2'6"x8' |
| | Capacity | | | | | |
| Southworth Envelope Press[28] For printing face and/or flap of envelope in one operation. Prints from rubber plates. | From 5s to 12s, including baronial and window. | | ..... | 9,000 to 18,000 | 705 " | 2½'x7' |

[1]Chandler & Price Co.
[4]Brandtjen & Kluge, Inc.
[8]B. Verner & Co., Inc.
[25]Harris-Seybold Co., Div. of Harris-Intertype Corp.
[28]Southworth Machine Co., Graphic Arts Div.

## ROTARY COMBINATION PRESSES (Letterpress-Offset)

| MAKE AND MODEL | Max. Web Width (Inches) | Max. Ptg. Width (Inches) | Min. Cyl. Circumference (Inches) | Max. Cyl. Circumference (Inches) | Rated Speed Ft. Per Min. | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|---|
| Speed-Flex Combination Press[27] | 26½ | 26 | ..... | 17* | 110 | Varies with combinations ordered | |

Rotary combination offset and rubber plate press. Can be arranged to print from an offset unit, rubber plate unit and numbering unit. Equipped to perforate in both directions, attach carbon, cutoff or rewind and can be supplied in any combination of offset or rubber units.
*Also manufactured in 21, 22, or 24 in. circumferences.

[27]Orville Dutro & Son, Inc.

## ROTARY LETTERPRESS MACHINES (Sheet Feed)

| MAKE AND MODEL | Maximum Sheet (Inches) | Minimum Sheet (Inches) | Plate Area (Inches) | Impressions Per Hour | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|
| Cottrell W-SI-248 Two Color—Single Delivery[12] | 36x48 | 24x30 | 35½x47½ | Max. 7,000 / Norm. 6,000 | 40,000 lbs. | 30'5"x14'5" |
| Cottrell W-SI-259 Two Color—Single Delivery[12] | 40x59 | 22¼x34 | 39½x58½ | Max. 6,000 / Norm. 5,000 | 56,000 " | 34'1"x17'11" |

(*Continued on Next Page*)

## ROTARY LETTERPRESS MACHINES (Sheet Feed)—(Continued from Preceding Page)

| MAKE AND MODEL | Maximum Sheet (Inches) | Minimum Sheet (Inches) | Plate Area (Inches) | Impressions Per hour | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|
| Cottrell W-SI-272 Two Color—Single Delivery[12] | 48x72 | 32x46 | 47½x71½ | Max. 5,000<br>Norm. 4,500 | 66,000 lbs. | 36'6"x16'11" |
| Cottrell W-548 Five Color — Single Delivery[12] | 36x48 | 24x30 | 35½x47½ | Max. 7,000<br>Norm. 6,000 | 69,000 " | 39'1"x16'6" |
| Cottrell W-548 DD Five Color—Double Delivery Boxboard[12] | 36x48 | 24x30 | 35½x47½ | | 77,000 " | 44'7"x16'6" |
| Cottrell W-559 Five Color — Single Delivery[12] | 40x59 | 25x38 | 39½x58½ | Max. 6,000<br>Norm. 5,000 | 82,000 " | 40'10"x17'11" |
| Cottrell W-559 DD Five Color—Double Delivery Boxboard[12] | 40x59 | 25x38 | 39½x58½ | | 90,000 " | 47' x17'11" |
| Cottrell WA-571 Five Color—Single Delivery[12] | 48x71 | 32x46 | 47½x70½ | Max. 6,000<br>Norm. 5,000 | 120,000 " | 43'2"x19'4" |
| Cottrell WA-571 DD Five Color—Double Delivery Boxboard[12] | 48x71 | 32x46 | 47½x70½ | | 126,000 " | 48'2"x19'4" |
| Miehle No. 61 (1, 2, 3, 4, 5 and 6 Colors)[7] | 42x60 | 22x34 | ..... | 3,000 to 6,000 | Dependent on Color Units | |
| Miehle No. 76 (1, 2, 3, 4, 5 and 6 Colors)[7] | 52x76 | 28x42 | ..... | 2,750 to 6,500 | " " " " | |
| Miehle No. 76 Single Color with Perfecting Unit[7] | 52x76 | 28x42 | ..... | 2,750 to 6,000 | " " " " | |
| Miehle No. 76 Two Color with Perfecting Unit[7] | 52x76 | 28x42 | ..... | 2,750 to 5,500 | " " " " | |

[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.

[12]The Cottrell Company, Sub. of Harris-Intertype Corp.

[25]Harris-Seybold Co., Div. of Harris-Intertype Corp.

## ROTARY LETTERPRESS MACHINES (Roll Feed)

| MAKE AND MODEL | Max. Web Width (Inches) | Max. Ptg. Width (Inches) | Min. Cyl. Circumference (Inches) | Max. Cyl. Circumference (Inches) | Rewind Ft. Per Min. | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|---|
| ATF-Webendorfer Standard Business Forms Presses[6] | 26 | 25½ | ..... | 17, 22 or 28 | Up to 600 | ..... | ..... |
| Designed for printing checks, blank books, office and business forms of all descriptions. Prints on tissue to lightweight board. Rewinder, folder or flat sheet delivery. For black and/or color printing on one or both sides of web up to two colors on each side of web. Operations include numbering, imprinting, hole punching, perforating, zig-zag folding and rewinding. | | | | | | | |
| Champlain 1C[15] | 14 | 13¾ | 9½ | 14 | 150 | 8,000 lbs. | 18' long, 2' wide, 5' high |
| Champlain 1G[15] | 20 | 19½ | 8 | 16 | 400 | ..... | ..... |
| Champlain 3G[15] | 20 | 19½ | 15½ | 26 | 400 | 12,000 lbs. | ..... |
| Champlain 3GHD[15] | 20 | 19½ | 15½ | 26 | 800 | ..... | ..... |
| Champlain 2G[15] | 30 | 29½ | 15½ | 31 | 500 | ..... | 20' long, 3' wide, 5'10" high |
| Champlain 2GHD[15] | 31 | 30 | 23 | 31½ | 800 | ..... | ..... |
| Cottrell High-Speed Magazine Presses[12] | | | | | | | |
| For black or multicolor printing up to six colors each side of web. Product either sheeted or folded. Folder speeds up to 2000 F.P.M. Cottrell special single side web presses for printing of bread wraps, labels, paper box printing, up to eight colors. Product rewound. | | | | | | | |
| Goss Unit, Deck or Double Ended High Speed Magazine Press[17] | As specified | As specified | As specified | As specified | Printed and folded at speeds from 750 to 2,000 f.p.m. | Dependent on size of press | |
| For black or color printing up to 6 colors on each side of the web. Running speeds up to 2000 ft. per min. with former or jaw collect folders. Magazine presses available to deliver 32, 48, 64, 96, 128 and 192 pages per revolution. May be equipped with right-angle or straightaway folders with pins or grippers or a combined pin and gripper design. Folders may be equipped with imprinting device, paste fountains and wire stapling devices. | | | | | | | |
| Hamilton Letter Presses[18] | As specified | As specified | As specified | As specified | Up to 650 | Dependent on size of press | |
| Hamilton Letter Presses are available for type or offset printing of continuous forms, with one to three colors on any side, with full automatic web tension control and hole punching, cross and length perforating, numbering, slitting, with folding, rewind and cut-off deliveries. | | | | | | | |
| | | | | | Web Speed Ft. Per Min. | | |
| Hess & Barker (Converter-1)[19] | 30 | 28¾ | 18¾ | 35 | 600 | ..... | ..... |
| Hess & Barker (Converter-2)[19] | 34 | 32¾ | 18¾ | 35 | 600 | ..... | ..... |
| Hess & Barker (Super Converter)[19] | 38½ | 37¼ | 28 | 44 | 750 | ..... | ..... |
| Hess & Barker (Magazine)[19] | 50 | 49 | 34 | 36 | 750 | ..... | ..... |
| Hess & Barker (Super Magazine)[19] | As specified | | ..... | ..... | 1,000 | ..... | ..... |
| For black and/or multicolor printing on one or both sides of web up to 5 colors. May be equipped with folder and/or sheeter with pile delivery. | | | | | | | |

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## ROTARY LETTERPRESS MACHINES (Roll Feed)—(Continued from Preceding Page)

| MAKE AND MODEL | Max. Web Width (Inches) | Max. Ptg. Width (Inches) | Min. Cyl. Circumference (Inches) | Min. Cyl. Circumference (Inches) | Web Speed Ft. Per Min. | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|---|
| Hoe Super-Production Magazine Press[20] | As specified | As specified | As specified | As specified | Up to 1800 ft. per min. of web or as specified | ..... | ..... |
| Designed for printing up to six colors on each side of web. May be equipped with right angle or straight-away folders or former folders with pins or grippers, or a combination of pins and grippers. May be furnished with high speed sheet deliveries or rewinders, or a combination of both. Folders may be equipped with imprinting devices, paste fountains and rotary wire stitcher mechanisms. Equipped with 3-Arm reels with full automatic electric running belt tension devices and fully automatic full speed web splicing mechanisms or paper roll brackets and floating roller tension devices. | | | | | | | |
| | | | | | Rewind Ft. Per Min. | | |
| Hudson Sharp No. "A" Series[21] | 2 over ptg. width | 15 to 65 | 10 | 36 | 100 to 1200 | ..... | ..... |
| NOTE: Above Hudson-Sharp presses built with colors in series or with color sections contacting single tympan cylinder. | | | | | | | |
| Hudson Sharp No. 3-A[21] | 35 | 35 | 12 | 36 | 50 to 500 | ..... | ..... |
| Flexographic Press (Handles papers from 90 lb. Kraft to napkin tissue.) | | | | | | | |
| Kidder Single Stack Bow Type Press[22], 6 Colors, Model XM | 67, 74 | 65, 72 | 36 | 48 | 850 | 125,000 lbs. | 450 sq. ft. |
| Kidder Single Stack Bow Type Press[22], 8 colors, Model YB | 67, 74 | 65, 72 | 36 | 48 | 850 | 150,000 " | 450 sq. ft. |
| Kidder Double Stack Bow Type Press[22], 5, 6, 7 and 8 Colors, Model XR | 67, 74 | 65, 72 | 36 | 48 | 850 | 165,000 " | 500 sq. ft. |
| Motter Magazine Presses[44] | As specified | As specified | As specified | As specified | 1,500 | ..... | ..... |
| For black or color printing for use with magazine folders of former or jaw type. Presses can be equipped with driers, imprinting devices, paste fountains, etc. | | | | | | | |
| Paper Converting Machine Co.'s 3, 4, 5, 6, 7 and 8 Color Presses[43] | 10—72 | 70 | 10 | 36 | 350-800 | ..... | ..... |
| Central impression cylinder, rubber plate, multi-repeat. | | | | | | | |
| Paper Converting Machine Co.'s 3, 4, 5, 6, 7 and 8 Color Presses[43] | 10—72 | 70 | 10 | 48 | 350-800 | ..... | ..... |
| Central or multiple impression cylinder, metal plates. | | | | | | | |
| Potdevin 317[31] | 21 | 20 | 10.68 | 21.99 | 270-570 | 17,600 lbs. | 9'x22' |
| Potdevin 418[31] | 32 | 31 | 10.68 | 37.80 | 400-700 | 25,000 " | 7'x20' |
| Potdevin 63[31] | 52 to 66 | 50 to 64 | 24 to 30 | 48 to 77 | 200-600 | 19,000-35,000 " | 10'x28' (2 color) 10'x34' (4 color) |
| NOTE: All Potdevin oil-ink letterpress presses built to accommodate up to 4 colors. | | | | | | | |
| Schriber Presses[30] | Up to 33 | Up to 32½ | 11 | 28 | 600 | ..... | ..... |
| Speed-Flex Press, Model B[27] | 15½ | ..... | ..... | 17 | ..... | 12,000 " | 15'8" long, 40" wide, 72" high |
| Will handle 2 webs and glue on 2 carbons; print face, imprint and number same face of 2 webs, or print and number both faces of a single web and attach carbon. | | | | | | | |
| Speed-Flex Press, Model C[27] | 14 | ..... | ..... | 17 | ..... | 8,400 " | 9' long, 31" wide, 58" high |
| Will handle one web and one carbon; print face, imprint and number same face or print face of web, imprint back and attach carbon. | | | | | | | |
| Speed-Flex Press, Model 3C[27] | 14 | ..... | ..... | 17 | ..... | 4,300 " | 9' long, 31" wide, 70" high |
| Will handle one web and one carbon; print face in two colors, imprint and number same face in third color; print face, print back, imprint and number face and attach carbon. | | | | | | | |
| Speed-Flex Press, Model C3C-RTR[27] | 14 | ..... | ..... | 17 | 350 | 5,300 " | 8' long, 31" wide, 70" high |
| Roll to roll three-color press with punches, perforators and electronic rewinder. | | | | | | | |
| Speed-Flex Press, Model D[27] | 15½ | ..... | ..... | 17 | ..... | 10,000 " | 15'8" long, 40" wide, 72" high |
| Will handle one web and one carbon; print face, imprint and number same face and print back of web or print two colors face of web, imprint and number same face in third color, and attach carbon. | | | | | | | |
| Speed-Flex Press, 17x26[27] | 26 | ..... | ..... | 17 | 500 | 14,000 " | 18' long, 51" wide, 72" high |
| Single web forms press with numbering, punches, perforators and rewinder and zig-zag folder. Prints two colors on face or one color each side plus number and imprint in additional color. | | | | | | | |
| Speed-Flex Press, Model B-26[27] | 26 | ..... | ..... | 17 | ..... | 17,000 " | 18' long, 51" wide, 72" high |
| Two webs, four carbons. Will print, imprint, number, perforate and cut-off. | | | | | | | |
| Staude Press[3] | ..... | 26 | 16 | 32 | ..... | ..... | ..... |
| Designed especially for making paper milk bottles. | | | | | | | |
| | | | | | Sheet Divy. | | |
| Stoessel Rotary Press, 1 to 3 Colors[26] | ..... | ..... | 19 | 21 | 7,500 per hr. | ..... | ..... |
| Prints from rubber plates or curved electros. | | | | | | | |
| Stoessel Check Printer[26] | ..... | ..... | ..... | ..... | 5,000 per hr. | ..... | ..... |
| Prints and numbers single checks or three checks per sheet. | | | | | | | |
| Willsea Multicolor Web Press[24] | 60 up | 60 up | 31 | 75 | ..... | 22,000 " | 9'x4' |
| Rewinding or cutting, scoring and delivering in pockets. | | | | | | | |

[3]E. G. Staude Mfg. Co., Inc.
[6]American Type Founders, Inc.
[12]The Cottrell Company, Sub. of Harris-Intertype Corp.
[15]Champlain Co., Inc.
[17]The Goss Company, Div. Miehle-Goss-Dexter, Inc.
[18]The Hamilton Tool Co.
[19]Hess & Barker.
[20]R. Hoe & Co., Inc.
[21]Hudson Sharp Machine Co.
[22]Kidder Press Co.
[24]Willsea Works.
[26]Stoessel Machine Mfg. Co.
[27]Orville Dutro & Son, Inc.
[30]Schriber Press Co.
[31]Potdevin Machine Co.
[43]Paper Converting Machine Co.
[44]George F. Motter's Sons

## OFFSET PRESSES (Single Color, Sheet Feed)

| MAKE AND MODEL | Maximum Sheet (Inches) | Minimum Sheet (Inches) | Maximum Print (Inches) | Impressions Per Hour | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|
| ATF Chief "15"[6] | 11 x15 | 3 x 5 | 9¾x13¼ | 3,400 to 7,200 | 740 lbs. | 28"x61" |
| ATF Chief "20"[6] | 14 x20 | 8 x10 | 13½x19½ | 3,200 to 5,500 | 1,750 " | 44¾"x56¼" |
| ATF Chief "22"[6] | 17½x22½ | 8 x10 | 17¼x22½ | 2,700 to 5,500 | 3,200 " | 54"x75" |
| ATF Chief "24"[6] | 18 x24½ | 8½x11 | 17½x24⅜ | 2,500 to 6,000 | 3,600 " | 53"x77" |
| ATF Chief "29"[6] | 23 x29 | 11 x17 | 22½x28 | 3,000 to 5,000 | 5,700 " | 63"x89" |
| ATF Super Chief[6] | 23 x30 | 10 x14 | 22⅝x29½ | 3,000 to 7,000 | 7,600 " | 53.2 sq. ft. with platform |
| ATF Chief 126[6] | 20 x26 | 10 x14 | 19⅝x25½ | 3,000 to 8,500 | 9,000 " | 80"x103" |
| ATF Chief 135[6] | 23 x36 | 11 x15 | 22½x35½ | 7,000 | 10,880 " | 9'6"x8'6" |
| ATF-Mann 25x36 L136[6] | 25½x38 | 13 x16½ | 24½x36 | 5,500 | 17,584 " | 9'10"x19' |
| Banthin No. 20 Lithomatic[38] | 14 x20 | 4⅛x 6¾ | 13 x17⅜ | 1,000 to 5,000 | 1,235 " | 3'4"x3'5" |
| HCM Filius[40] | 16 x20 | 8 x10 | 15½x19½ | 8,000 | 6,000 " | 5'5"x9' |
| HCM Pearl "24"[40] | 18¼x24¾ | 8 x10 | 17⅝x24½ | 8,000 | 7,260 " | 5'11"x10'10" |
| HCM Pearl "25"[40] | 19 x25 | 8 x10 | 18⅛x25 | 8,000 | 7,260 " | 7'7"x10'10" |
| HCM Jewel "29"[40] | 23 x31½ | 13 x16½ | 22⅝x31 | 7,500 | 13,000 " | 8'8"x11'7" |
| | | | | Sheets Per Hour | | |
| Crabtree, Mark 2[53] | 24½x19½ | 10 x 8 | 24 x19 | 6,000 | 11,760 " | 14'0"x5'8" |
| Crabtree, Mark 2A[53] | 28½x21 | 15 x12½ | 28 x20½ | 6,000 | 12,880 " | 14'0"x6'0" |
| Crabtree, Mark 6[53] | 45 x33½ | 20 x12½ | 44½x33 | 5,000 | 25,200 " | 19'2"x8'0" |
| Crabtree, Mark 8[53] | 48½x36½ | 20 x15 | 48 x35¾ | 5,000 | 26,320 " | 19'2"x8'4" |
| Crabtree, Mark 10[53] | 54 x42 | 20 x15 | 53½x41½ | 4,500 | 29,680 " | 21'2"x8'9" |
| Crabtree, Mark 12[53] | 65 x41 | 20 x15 | 64½x40½ | 4,500 | 35,280 " | 21'2"x9'8" |
| Crabtree Countess[53] | 39 x26 | 22½x17½ | 38½x25½ | 10,000 | 20,000 " | 17'0"x6'8" |
| | | | | Impressions Per Hour | | |
| Davidson Dual-Lith 241[54] | 10 x14 | 3 x 5 | 9¾x13 | 6,000 | 625 " | 28¼"x61" |
| Davidson Dual-A-Matic 242[54] | 10 x14 | 3 x 5 | 9¾x13 | 6,000 | 650 " | 28¼"x61" |
| Davidson Dual-Lith 251[54] | 10 x14 | 3 x 5 | 9¾x13 | 6,000 | 710 " | 28¼"x61" |
| Davidson Dual-Lith 233[54] | 14 x17½ | 4 x 6 | 13 x17 | 5,400 | 830 " | 65"x35" |
| Davidson Dual-Lith 245[54] | 10 x14 | 3 x 5 | 9¾x13 | 6,000 | 585 " | 28¼"x61" |
| Davidson Dual-Lith 255[54] | 8½x11 | 3 x 5 | 7 x 9¾ | 18,000 | 710 " | 28¼"x61" |
| If Model 255 is equipped with standard segments, specifications are identical to Model 241. | | | | | | |
| Harris 120 14½x20½ Single Color[25] (Feeder Pile Height, 18"; Delivery Pile Height, 18") | 14½x20½ | 8 x10 | 14⅛x20 | Up to 7,000 | 4,000 " | 3'10⅜"x 5'6¼" |
| Harris 122A 17½x22½ Single Color[25] (Feeder Pile Height, 36"; Delivery Pile Height, 30") | 17½x22½ | 10 x14 | 17⅛x22½ | Up to 7,000 | 5,000 " | 4'5"x7'10¼" |
| Harris 126-FR 20x26 Single Color[25] (Feeder Pile Height, 45"; Delivery Pile Height, 19") | 20 x26 | 9 x12 | 19⅝x25½ | Up to 8,000 | 7,000 " | 6'11½"x 10'⅝" |
| Harris 130 23x30 Single Color[25] (Feeder Pile Height, 45"; Delivery Pile Height, 19") | 23 x30 | 9 x12 | 22⅝x29½, 19 x29½, and 21⅝x29½ | Up to 6,500 | 7,300 " | 7'5¼"x9'8" |
| Harris 130-FR 23x30 Single Color[25] (Feeder Pile Height, 45";; Delivery Pile Height, 19") | 23 x30 | 9 x12 | 22⅝x29½ | Up to 7,500 | 7,350 " | 7'5¼"x 10'⅝" |
| Harris 136 23x36 Single Color[25] (Feeder Pile Height, 48"; Delivery Pile Height, 18⅛") | 23 x36 | 11 x17 | 22½x35½ | Up to 7,000 | 8,250 " | 6'10½"x 10'5½" |
| Harris 149 36x49½ Single Color[25] (Feeder Pile Height, 42"; Delivery Pile Height, 40") | 36 x49½ | 17 x22 | 35⅝x47½ or 35⅝x49 | Up to 6,500 | 24,300 " | 10'5½"x 20'5⅞" |
| Harris 160 43x60 Single Color[25] (Feeder Pile Height, 45"; Delivery Pile Height, 48") | 43 x60 | 22 x34 | 42⅝x59½ | Up to 6,500 | 36,500 " | 13'1"x 25'2⅜" |
| Harris 177 52½x77 Single Color[25] (Feeder Pile Height, 49"; Delivery Pile Height, 53") | 52½x77 | 25 x38 | 52⅛x76½ | Up to 6,000 | 54,000 " | 14'11"x 28'10" |
| Miehle No. 25 Single Color[7] | 19 x25 | 8½x11 | 18⅝x25 | Up to 8,000 | 9,700 " | 7'7"x10'4" |
| Miehle No. 29 Single Color[7] | 23 x29 | 11 x16 | 22⅝x29 | Up to 7,500 | 10,265 " | 7'4"x10'6" |
| Miehle No. 36 Single Color[7] | 23 x36 | 11 x16 | 22⅝x35¼ | Up to 7,000 | 11,150 " | 7'10"x10'8" |
| Miehle No. 38 Single Color[7] | 25½x38 | 11 x16 | 25⅛x38 | Up to 7,000 | 13,250 " | 8'6"x11' |
| Miehle No. 41 Single Color[7] | 30 x42 | 19 x25 | 29⅝x42 | Up to 6,800 | 26,500 " | 12'1"x21'3" |
| Miehle No. 49 Single Color[7] | 36 x49⅝ | 19 x25 | 35⅝x49⅝ | Up to 6,500 | 27,500 " | 21'3"x12'8" |
| Miehle No. 61 Single Color[7] | 42 x58 | 22 x34 | 41⅝x58 | Up to 6,500 | 44,900 " | 12'10"x26'1" |
| Miehle No. 76 Offset Single Color[7] | 52 x76 | 28 x42 | 51⅝x76 | Up to 6,000 | 58,500 " | 14'3"x28'6" |
| Miehle No. 77 Offset Single Color[7] | 54 x77 | 28 x42 | 53⅝x76½ | Up to 6,000 | 58,500 " | 16'3½"x 27'10 13/16" |
| Miller-M.A.N. IV 30x42 Single Color[5] | 30¾x44⅛ | 11 x17 | 30⅝x44⅛ | 6,800 | 30,000 " | 10'7 15/16"x23'6" |
| Miller-M.A.N. V 36x48 Single Color[5] | 36 x49¾ | 16½x23⅜ 16½x23⅜ | 35⅝x49¾ | 6,500 | 30,800 " | 11'1 7/16"x23'6" |
| Miller SJ 23x36 Single Color[5] | 23 x36 | 11 x17 | 22½x35 | 7,200 | 9,600 " | 8'8"x10'3⅝" |

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## OFFSET PRESSES (Single Color, Sheet Feed)—(Continued from Preceding Page)

| MAKE AND MODEL | Maximum Sheet (Inches) | Minimum Sheet (Inches) | Maximum Print (Inches) | Impressions Per Hour | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|
| Royal Zenith 23 Single Color[55] | 16 x23 | 8½x11 | 15 x22 | 8,000 | 2,400 lbs. | 3'8"x7' |
| Royal Zenith 24 Single Color[55] | 18 x25 | 11 x14 | 17¾x24½ | 8,000 | 3,000 " | 4'x8'4" |
| Royal Zenith 30 Single Color[55] | 23 x30 | 11 x14 | 22⅝x30 | 7,000 | 3,300 " | 4'7½"x 9'9¼" |

[5]Miller Printing Machinery Co.
[6]American Type Founders, Inc.
[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.
[25]Harris-Seybold Co., Div. of Harris-Intertype Corp.
[38]Banthin Engineering Co.
[40]HCM Corporation
[53]R. W. Crabtree & Sons (Canada) Ltd.
[54]Davidson Corporation
[55]Royal Zenith Corp.

## OFFSET PRESSES (Multicolor, Sheet Feed)

| MAKE AND MODEL | Maximum Sheet (Inches) | Minimum Sheet (Inches) | Maximum Print (Inches) | Impressions Per Hour | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|
| ATF-Chief 226 Two Color[6] | 20 x26 | 10x14 | 19⅝x25½ | 8,500 | 18,000 lbs. | 15'x6'8" |
| ATF-Mann 25 x 36 L236 Two Color[6] | 25½x38 | 13x16½ | 24½x36 | 5,500 | 24,976 " | 20'1"x11'1" |
| ATF-Chief 238 Two Color[6] | 25½x38½ | 14½x22 | 25¼x38 | 7,500 | 38,350 " | 21'x10'5" |
| ATF-Chief 250 Two Color[6] | 36¼x50 | 20x25 | 36 x49½ | 6,500 | 54,000 " | 31'9"x11'5" |
| ATF-Chief 255 Two Color[6] | 38 x55 | 20x30 | 37¾x54½ | 6,000 | 66,000 " | 32'1"x11'10" |
| HCM Champion, Two Color[40] | 25 x38 | 14x20 | 26 3/16x38 3/16 | 7,200 | 38,000 " | 19'x12' |
| | | | | Sheets Per Hour | | |
| Crabtree, Mark 2, Two Color[53] | 24½x19½ | 10x 8 | 24 x19 | 6,000 | 14,000 " | 14'3½"x5'8" |
| Crabtree, Mark 2A, Two Color[53] | 28½x21 | 15x12½ | 28 x20½ | 6,000 | 14,000 " | 14'3½"x6'0" |
| Crabtree, Mark 6, Two Color[53] | 45 x33½ | 20x12½ | 44½x33 | 5,000 | 33,040 " | 19'5¼"x8'0" |
| Crabtree, Mark 8, Two Color[53] | 48½x36½ | 20x15 | 48 x35¾ | 5,000 | 34,160 " | 19'5¼"x8'4" |
| Crabtree, Mark 10, Two Color[53] | 54 x42 | 20x15 | 53½x41½ | 4,500 | 43,120 " | 21'3½"x8'9" |
| Crabtree, Mark 12, Two Color[53] | 65 x41 | 20x15 | 64½x40½ | 4,500 | 49,840 " | 21'3½"x9'8" |
| Crabtree, Mark 4, Three Color[53] | 38 x25½ | 15x12½ | 37½x25 | 5,500 | 31,920 " | 16'2"x7'4" |
| Crabtree, Mark 6, Three Color[53] | 45 x33½ | 20x12½ | 44½x33 | 4,500 | 45,360 " | 19'5¼"x8'0" |
| Crabtree, Mark 8, Three Color[53] | 48½x36½ | 20x15 | 48 x35¾ | 4,500 | 47,600 " | 19'5¼"x8'4" |
| Crabtree, Monarch, Two Color[53] | 48½x36½ | ..... | 48 x36 | 7,500 | 47,040 " | 21'6"x12'0" |
| Crabtree, Countess[53] | 39 x26 | 22½x17½ | 38½x25½ | 10,000 | 26,000 " | 17'0"x6'8" |
| | | | | Impressions Per Hour | | |
| Harris 236 23x36 Two Color[25] (Feeder Pile Height, 48"; Delivery Pile Height, 36½") | 23 x36 | 11x17 | 22½x35½ | Up to 7,000 | 13,600 " | 6'10½"x16'5¾" |
| Harris 238 25¾x38½ Two Color[25] (Feeder Pile Height, 48"; Delivery Pile Height, 36½") | 25¾x38½ | 11x17 | 25⅜x38 | Up to 7,000 | 14,500 " | 8'9¼"x17'1" |
| Harris 249 Two Color[25] (Feeder Pile Height, 42"; Delivery Pile Height, 40") | 36 x49½ | 17x22 | 35⅝x47½, or 35⅝x49 | Up to 6,500 | 40,000 " | 12'¼"x23'11½" |
| Harris 260 43x60 Two Color[25] (Feeder Pile Height, 45"; Delivery Pile Height, 48") | 43 x60 | 22x34 | 42⅝x59½ | Up to 6,500 | 57,750 " | 14'5½"x28'11¾" |
| Harris 460 43x60 Four Color[25] (Feeder Pile Height, 45"; Delivery Pile Height, 48") | 43 x60 | 22x34 | 42⅝x59½ | Up to 6,500 | 100,500 " | 14'5½"x36'6¾" |
| Harris 560 43x60 Five Color[25] (Feeder Pile Height, 45"; Delivery Pile Height, 48") | 43 x60 | 22x34 | 42⅝x59½ | Up to 6,500 | 122,000 " | 14'5½"x40'4¼" |
| Harris 277 52½x77 Two Color[25] (Feeder Pile Height, 49"; Delivery Pile Height, 53") | 52½x77 | 25x38 | 52⅛x76½ | Up to 6,000 | 87,000 " | 16'3½"x33'4½" |
| Harris 477 52½x77 Four Color[25] (Feeder Pile Height, 49"; Delivery Pile Height, 53") | 52½x77 | 25x38 | 52⅛x76½ | Up to 6,000 | 152,000 " | 16'3½"x42'5½" |
| Harris 577 52½x77 Five Color[25] (Feeder Pile Height, 49"; Delivery Pile Height, 53") | 52½x77 | 25x38 | 52⅛x76½ | Up to 6,000 | 185,000 " | 16'3½"x46'10 9/16" |
| Hoe 50x72 1-6 Colors[20] | 50 x72 | 28x36 | 49½x71½ | 6,000 | ..... | 34'x19'x9' |
| Miehle No. 29 TC[7] | 23 x30 | 11x16 | 22⅝x30 | Up to 7,000 | 22,490 " | 8'1⅜"x18'4¾" |
| Miehle No. 38 TC[7] | 25½x38 | 11x16 | 25⅛x38 | Up to 7,000 | 23,150 " | 8'6"x18'5" |
| Miehle No. 38-4C[7] | 25½x38 | 11x16 | 25⅛x38 | Up to 7,000 | 43,375 " | 11'⅜"x27'5¾" |
| Miehle No. 41 TC[7] | 30 x39 | 19x25 | 29⅝x39 | Up to 6,800 | 36,200 " | 13'x22'6" |
| Miehle No. 41-4C[7] | 30 x39 | 19x25 | 29⅝x39 | Up to 6,800 | 66,138 " | 13'11⅜"x32'2¾" |
| Miehle No. 49 TC[7] | 36 x49⅝ | 19x25 | 35⅝x49⅝ | Up to 6,500 | 40,150 " | 13'7½"x22'6" |

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## OFFSET PRESSES (Multicolor, Sheet Feed)—(Continued from Preceding Page)

| MAKE AND MODEL | Maximum Sheet (Inches) | Minimum Sheet (Inches) | Maximum Print (Inches) | Impressions Per Hour | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|
| Miehle No. 49-4C[7] | 36 x49⅝ | 19x25 | 35⅝x49⅝ | Up to 6,500 | 74,957 lbs. | 14′6⅞″x32′2⅞″ |
| Miehle No. 61-2C[7] | 42 x58 | 22x34 | 41⅝x58 | Up to 6,500 | 69,900 " | 12′10″x30′7½″ |
| Miehle No. 61-3C[7] | 42 x58 | 22x34 | 41⅝x58 | Up to 6,500 | 94,700 " | 12′10″x35′2″ |
| Miehle No. 61-4C[7] | 42 x58 | 22x34 | 41⅝x58 | Up to 6,500 | 119,200 " | 12′10″x39′8½″ |
| Miehle No. 61-5C[7] | 42 x58 | 22x34 | 41⅝x58 | Up to 6,500 | 143,800 " | 12′10″x44′3″ |
| Miehle No. 61-6C[7] | 42 x58 | 22x34 | 41⅝x58 | Up to 6,500 | 167,570 " | 12′10″x48′4″ |
| Miehle No. 76-2C[7] | 52 x76 | 28x42 | 51⅝x76 | Up to 6,000 | 90,900 " | 14′3″x33′9″ |
| Miehle No. 76-3C[7] | 52 x76 | 28x42 | 51⅝x76 | Up to 6,000 | 122,400 " | 14′3″x39′ |
| Miehle No. 76-4C[7] | 52 x76 | 28x42 | 51⅝x76 | Up to 6,000 | 154,500 " | 14′3″x44′3″ |
| Miehle No. 76-5C[7] | 52 x76 | 28x42 | 51⅝x76 | Up to 6,000 | 186,400 " | 14′3″x49′6″ |
| Miehle No. 77-2C[7] | 54 x77 | 28x42 | 53⅝x76½ | Up to 6,000 | 90,900 " | 16′3½″x33′1 11/16″ |
| Miehle No. 77-3C[7] | 54 x77 | 28x42 | 53⅝x76½ | Up to 6,000 | 122,500 " | 16′3½″x38′4 11/16″ |
| Miehle No. 77-4C[7] | 54 x77 | 28x42 | 53⅝x76½ | Up to 6,000 | 154,500 " | 16′3½″x43′7 11/16″ |
| Miehle No. 77-5C[7] | 54 x77 | 28x42 | 53⅝x76½ | Up to 6,000 | 186,400 " | 16′3½″x48′10 11/16″ |
| Miehle No. 77-6C[7] | 54 x77 | 28x42 | 53⅝x76½ | Up to 6,000 | 218,400 " | 16′3½″x54′1 11/16″ |
| Miller TPJ 23x36-2C Perfector[5] | 23 x36 | 11x17 | 22½x35 | 7,000 one side<br>6,000 both sides | 19,100 " | 8′8″x14′0¾″ |
| Miller-M.A.N. IV 30x42 Two Color[5] | 30¾x44⅛ | 19¾x25⅝* | 30⅜x44⅛ | 6,800 | 45,200 " | 11′2¼″x27′2¼″ |
| Miller-M.A.N. IV 30x42 Three Color[5] | 30¾x44⅛ | 19¾x25⅝* | 30⅜x44⅛ | 6,800 | 66,200 " | 11′2¼″x32′2″ |
| Miller-M.A.N. IV 30x42 Four Color[5] | 30¾x44⅛ | 19¾x25⅝* | 30⅜x44⅛ | 6,800 | 86,000 " | 11′2¼″x37′1½″ |
| Miller-M.A.N. V 36x48 Two Color[5] | 36 x49¾ | 19¾x25⅝ | 35⅝x49¾ | 6,500 | 47,400 " | 11′7¾″x27′2¼″ |
| Miller-M.A.N. V 36x48 Three Color[5] | 36 x49¾ | 19¾x25⅝ | 35⅝x49¾ | 6,500 | 69,400 " | 11′7¾″x32′2″ |
| Miller-M.A.N. V 36x48 Four Color[5] | 36 x49¾ | 19¾x25⅝ | 35⅝x49¾ | 6,500 | 90,400 " | 11′7¾″x37′1½″ |
| Miller-M.A.N. VI 40x56 Two Color[5] | 40¼x56 | 19¾x25⅝ | 39¾x55⅞ | 6,000 | 49,600 " | 12′2″x27′7 9/16″ |
| Miller-M.A.N. VI 40x56 Three Color[5] | 40¼x56 | 19¾x25⅝ | 39¾x55⅞ | 6,000 | 72,700 " | 12′2″x32′7¼″ |
| Miller-M.A.N. VI 40x56 Four Color[5] | 40¼x56 | 19¾x25⅝ | 39¾x55⅞ | 6,000 | 94,800 " | 12′2″x37′7″ |
| *Model IV two to four color presses with minimum sheet size of 16½x23⅜ available on special order. | | | | | | |
| Royal Zenith 302[55] | 23 x30 | 11x14 | 22⅝x30 | 7,000 | 5,500 " | 4′7½″x15′ |

[6]American Type Founders, Inc.
[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.
[5]Miller Printing Machinery Co.
[20]R. Hoe & Co., Inc.
[25]Harris-Seybold Co., Div. of Harris-Intertype Corp.
[40]HCM Corporation
[53]R. W. Crabtree & Sons (Canada) Ltd.
[55]Royal Zenith Corp.

## OFFSET METAL DECORATING PRESSES

| MAKE AND MODEL | Maximum Sheet (Inches) | Minimum Sheet (Inches) | Maximum Print (Inches) | Impressions Per Hour | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|
| **Harris 36x36 MDE Single Color[25]** | 36 x36 | 18 x24 | 34¾x35¾<br>or 34 11/16x35¾ | 6,000 | 30,000 lbs. | 10′x17′11¼″* |
| **Harris MDF 36x36 Two Color[25]** | 36 x36 | 18 x24 | 34¾x35¾<br>or 34 11/16x35¾ | 6,000 | 45,800 " | 10′x26′5½″* |
| **Harris 36x43 MDB Two Color[25]** | 36 x43 | 18 x24 | 34¾x42¾ | 6,000 | 44,800 " | 10′6″x26′5½″* |
| **Harris 36 x 36 MDG Three Color[25]** | 36 x36 | 18 x24 | 34¾x35¾<br>or 34 11/16x35¾ | 6,000 | 74,000 " | 10′x34′11″* |
| **Hoe Automatic Single Color Metal[20]** | 29 x36 | 18¾x21 | 28¾x35¾ | 5,100 | 22,000 " | 9′x16′x7′6″ |
| **Hoe Automatic Single Color Metal[20]** | 34 x36 | 18¾x21 | 33¾x35¾ | 5,100 | 22,000 " | 9′x16′x7′6″ |
| **Hoe Automatic Single Color Metal[20]** | 34 x45 | 19 x21 | 33¾x44¾ | 4,500 | 24,000 " | 10′x16′x7′6″ |
| **Hoe Automatic Single Color Metal[20]** | 38 x54 | 20 x28 | 37 x53¾ | 1,200-4,200 | 33,700 " | 13′x23′x10′ |
| **Hoe Automatic Single Color Metal[20]** | 50 x72 | 24 x42 | 49 x71 | 1,200-4,200 | 60,000 " | 14′x24′8″x10′ |
| **Hoe Automatic Two-Color Tandems available in all above sizes.[20]** | | | | | | |
| **Hoe Automatic Four-Color Tandems available in 36″ width presses.[30]** | | | | | | |
| **Hoe High Speed Single Color Metal[20]** | 36 x36 | 24x25½ | 35¾x35¾ | 6,000 | 30,000 " | 16′x11′x9′ |
| | 36 x43 | 24x25½ | 35¾x42¾ | 6,000 | 33,000 " | 16′x11′x9′ |
| **Hoe High Speed Two-Color Tandem Metal[20]** | 36 x36 | 24x25½ | 35¾x35¾ | 6,000 | 54,000 " | 26′x11′x9′ |
| | 36 x43 | 24x25½ | 35¾x42¾ | 6,000 | | 26′x11′x9′ |
| **Rutherford No. MP4[29]** | 29 x36 | 20 x24 | 29 x36 | ..... | 16,900 " | 7′ x 10′ |
| **Rutherford No. MP3[29]** | 29 x36 | 18 x20 | 29 x36 | ..... | 16,000 " | 7′ x 10′ |
| **Rutherford No. EMP3[29]** | 26 x36 | 10 x12 | 26 x36 | ..... | 15,500 " | 7′ x 10′ |
| **Rutherford 1-Color Tube Printing Machine[29]** | ..... | ..... | ..... | ..... | 2,285 " | 45″ x 53″ |
| **Rutherford 2-Color Tube Printing Machine[29]** | ..... | ..... | ..... | ..... | 2,685 " | 45″ x 53″ |
| **Rutherford 3-Color Tube Printing Machine[29]** | ..... | ..... | ..... | ..... | 3,085 " | 45″ x 53″ |
| **Rutherford 4-Color Tube Printing Machine[29]** | ..... | ..... | ..... | ..... | 3,650 " | 45″ x 53″ |
| *Without pile feeder. | | | | | | |

**[20]R. Hoe & Co., Inc.**
[25]Harris-Seybold Co., Div. of Harris-Intertype Corp.
**[29]Rutherford Machinery Co., Div. Sun Chemical Corp.**

## WET and/or DRY OFFSET PRESSES (Sheet and Roll Feed)

| MAKE AND MODEL | Maximum Sheet (Inches) | Minimum Sheet (Inches) | Maximum Print (Inches) | Impressions Per Hour | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|
| ATF Chief "22"[6] | 17½x22½ | 8x10 | 17¼x22½ | 2,700 to 5,500 | 3,200 lbs. | 54"x75" |
| ATF Chief "29"[6] | 23 x29 | 11x17 | 22½x28 | 3,000 to 5,000 | 5,700 " | 63"x89" |
| Presses designed for dry offset and wet offset printing. Plate cylinder is undercut 0.030 in. to allow for thickness of the dry offset plate. When wet offset plates are used, the plate cylinder is packed to compensate for the thinner plate. | | | | | | |
| Levey Web Offset Presses Built to customer's specifications[56] | ..... | ..... | ..... | ..... | ..... | ..... |

[6]American Type Founders, Inc. [56]Fred'k H. Levey Co., Inc.

## OFFSET PRESSES (Perfecting)

| MAKE AND MODEL | Maximum Sheet (Inches) | Minimum Sheet (Inches) | Maximum Print (Inches) | Impressions Per Hour | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|
| ATF-Mann Perfector LP-53[6] | 38 x53½ | 17x31½ | 37 x53 | 5,000 | 34,940 lbs. | 21'x11'6" |
| ATF-Mann Perfector LP-54[6] | 41 x54 | 17x31½ | 40 x53½ | 4,500 | 35,400 " | 21'x11'6" |
| ATF-Solna Book Perfector[6] | 18 x24½ | 8¼x14 5/16 | 17½x24⅜ | 6,000 | 6,770 " | 12'5"x6' |
| | | | | Sheets Per Hour | | |
| Crabtree, Mark 2[53] | 24½x19½ | 10x8 | 24 x19 | 6,000 | 14,000 " | 15'6"x5'8" |
| Crabtree, Mark 6[53] | 45 x33½ | 20x12½ | 44½x33 | 5,000 | 28,560 " | 21'3"x8'6" |
| Crabtree, Mark 10[53] | 54 x42 | 20x15 | 53½x41½ | 4,500 | 38,640 " | 23'6"x8'9" |
| Crabtree, Ambassador[53] | 54 x78 | 45x35 | 53½x77 | 5,500 | 104,000 " | 20'8"x17'0" |
| | | | | Imp. Per Hour | | |
| Miller TPJ 23x36 Two Color Perfector[5] | 23 x36 | 11x17 | 22½x35 | 7,000 one side<br>6,000 both sides | 19,100 " | 8'8"x14'¾" |

[5]Miller Printing Machinery Co. [6]American Type Founders, Inc. [53]R. W. Crabtree & Sons (Canada) Ltd.

## WEB OFFSET PRESSES (Roll Feed)

| MAKE AND MODEL | Max. Web Width (Inches) | Max. Ptg. Width (Inches) | Min. Cyl. Circumference (Inches) | Max. Cyl. Circumference (Inches) | Speed Ft. Per Min. | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|---|
| ATF Green Hornet Job Press[6] | 17½ | 17¼ | ..... | 11½ | 500 | 5,000 (Two Unit)<br>10,000 (Four Unit) | 4'x11' (Two Unit)<br>6'2"x17'6" (Four Unit) |
| Delivers cut sheets 11½ in. long at speeds up to 25,000 per hour. | | | | | | | |
| ATF-Webendorfer Standard Publication Presses DY[6] | 35 | 34½ | ..... | 22¾ | Up to 1,000 | ..... | ..... |
| ATF-Webendorfer Standard Publication Presses DS[6] | 49 | ..... | ..... | 34.95 | Up to 1,000 | ..... | ..... |
| ATF-Webendorfer Standard Publication Presses DA[6] | 38 | ..... | ..... | 23 9/16 | Up to 1,000 | ..... | ..... |
| ATF-Webendorfer Special Publication Presses[6] | Up to 70 | ..... | ..... | ..... | Up to 1,000 | ..... | ..... |
| Designed for printing newspapers, magazines, telephone books, children's books, catalogs, tabloids, comics, etc. Imprinting, numbering, perforating, embossing, folding and rewinding operations possible. Prints one to four colors on each side of web. Flat sheet or folder delivery. | | | | | | | |
| ATF-Webendorfer Standard Business Forms Presses[6] | 26 | 25½ | ..... | 17, 22, or 28 | Up to 600 | ..... | ..... |
| Designed for printing checks, blank books, office and business forms of all descriptions. Numbering, imprinting, hole punching, perforating, zig-zag folding and rewinding operations possible. Prints one to two colors on each side of web. Will handle tissue to lightweight board. Rewinder, folder or flat sheet delivery. | | | | | | | |
| Crabtree Roll-Feed Offset Press. Built to customer's specifications[53] | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Dilts Pacemaker Model 585[28] | 90 | 90 | 16 | 120 | 1,000 | 35,000 lbs. | 180 sq. ft. |
| Paper basis weight range 7# tissue to 120#. | | | | | | | |
| Hantscho High Speed Web Offset Presses. Built also to customer's specifications[16] | 36<br>50 | 35½<br>49½ | 22¾<br>35 | .....<br>..... | Up to 1,000<br>Up to 1,000 | .....<br>..... | .....<br>..... |
| Can be built as straight line perfecting presses, or as single color units with impression cylinders, arranged to print single color or up to 5 colors on each side. Can be equipped with imprinters, folders, flat sheet delivery, rewinders and other attachments. Speeds up to 1,000 f.p.m. Dry offset and rubber plate models also available. | | | | | | | |

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## WEB OFFSET PRESSES (Roll Feed)—(Continued from Preceding Page)

| MAKE AND MODEL | Max. Web Width (Inches) | Max. Ptg. Width (Inches) | Min. Cyl. Circumference (Inches) | Max. Cyl. Circumference (Inches) | Speed Ft. Per Min. | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|---|
| Harris-Cottrell Single or Multicolor Press[12] | 38 | ..... | ..... | 22¾ | 600 | ..... | ..... |
| Rubber to rubber perfecting press designed for multi-web operation to print either one or both sides of the webs. Equipped with folder for producing tabloid, magazine and two-on parallel fold. May be supplied with rewinder and/or sheeter with pile delivery. | | | | | | | |
| Harris-Cottrell Single or Multicolor Press[12] | 50 | ..... | ..... | 35 | 1,200 | ..... | ..... |
| Rubber to rubber perfecting press designed for multi-web operation to print either one or both sides of the webs. Equipped with a folder. May be supplied with rewinder and/or sheeter with pile delivery. | | | | | | | |
| Harris-Cottrell Multicolor Press[12] | 50 | ..... | ..... | 43 | 1,200 | ..... | ..... |
| Rubber to steel press designed to print either one or both sides of the web. Products delivered folded or flat sheets. | | | | | | | |
| Harris-Cottrell High-Speed Custom Built Presses[12] | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| For black and/or color printing on both sides of the web up to as many as five colors on each side. Products are delivered folded or in flat sheets. Press sizes and unit combinations made to specifications. | | | | | | | |
| Hess & Barker Publication Presses[19] | 36½ | ..... | 22¾ | ..... | Up to 750 | ..... | ..... |
| | 38½ | ..... | 22¾ | ..... | Up to 750 | ..... | ..... |
| | 35 | ..... | 20½ | ..... | Up to 500 | ..... | ..... |
| | 38½ | ..... | 23½ | ..... | Up to 750 | ..... | ..... |
| Blanket to blanket presses. Hess & Barker magazine presses are also built to customer's specifications. For black and/or multicolor printing on one or both sides of web up to five colors on each side. May be equipped with folder and/or sheeter with pile delivery. | | | | | | | |
| Hoe Roll-Feed Multicolor Web Press. Built to customer's specifications[20] | As specified | As specified | As specified | As specified | Up to 1,500 | Depends on Press Size | |
| Hoe Roll-Feed Multicolor (Aller Satellite Design) Web Offset Press. Built to customers specifications[20] | As specified | As specified | As specified | As specified | Up to 1,500 | Depends on Press Size | |
| Levey Multicolor Publication Press[56] | 83 | ..... | ..... | 47 | 1,500 | ..... | ..... |
| (Equipped with folder or sheeter.) | | | | | | | |
| Levey Multicolor Press[56] | 24 | ..... | ..... | ..... | 500 | ..... | ..... |
| (Equipped with rewind or sheeter.) | | | | | | | |
| Levey Variable Size Web Offset Presses[56] | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Up to 4 colors on one or both sides. May be equipped with folders, sheeters, or rewind.[56] | | | | | | | |
| Levey Publication Presses. Built to customer's specifications[56] | ..... | ..... | ..... | 28 | ..... | ..... | ..... |
| Schriber Web Offset Presses[30] | Up to 33 | Up to 32½ | 11 | 17 | 600 | ..... | ..... |
| Speed-Flex Offset Job Press[27] | 13½ | 13 | ..... | 17⅞ | 350 | 4,800 lbs. | 2'9"x12'6" |
| Press can be arranged to print one color offset, rubber plate imprint, number with two shaft numbering equipment, perforate both ways, attach carbon, and cut-off at speed of 15,000 17" lengths per hour or 18,000 8½" lengths per hour. Can be supplied with one or more offset units arranged to print on either one or both sides of web; also with sheeters, rewinders or flat pack for continuous forms. | | | | | | | |
| Speed-Flex Journeyman[27] | ..... | ..... | ..... | 17½ | ..... | Varies with No. Units | Varies with No. Units |
| Presses are available in six colors, in 17½ in. by 13 in. and 17 in. by 26 in. sizes. The two unit 13 in. width press will print a 17½ in. by 13 in. sheet in two colors on one side of the paper or one color on each side. The two unit 26 in. width press will print a 17½ in. by 26 in. sheet with two colors on one side or one color on each side. As an alternate, it will print 17½ in. by 12 in. in two colors on both sides. | | | | | | | |

[6]American Type Founders, Inc.
[12]The Cottrell Company, Sub. of Harris-Intertype Corp.
[16]George Hantscho Co., Inc.
[19]Hess & Barker
[20]R. Hoe & Co., Inc.
[23]Dilts Div., The Black-Clawson Co., Inc.
[27]Orville Dutro & Son, Inc.
[30]Schriber Press Co.
[53]R. W. Crabtree & Sons (Canada) Ltd.
[56]Machinery Div., Fred'k H. Levey Co., Inc.

## NEWSPAPER PRESSES (Letterpress Rotary)

| MAKE AND MODEL | Max. Web Width (Inches) | Max. Ptg. Width (Inches) | Min. Sheet Cut Length (Inches) | Max. Sheet Cut Length (Inches) | Speed Copies per hr. | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|---|
| Crabtree Supercolor[53] | As specified | As specified | As specified | As specified | 60,000 | Dependent on size of press | |
| Crabtree Viscount[53] | As specified | As specified | As specified | As specified | 50,000 | Dependent on size of press | |
| Both Crabtree Supercolor and Standard presses arranged to accommodate additional built-in color cylinders, cylinder reversing, color decks, portable color pumps. Arranged for underneath or end roll feed. | | | | | | | |
| Goss Headliner[17] | As specified | As specified | 21½ | 23 5/16 | 70,000 | Dependent on size of press | |
| Underneath or end roll feed from reels or brackets. Color by color cylinders, couples, reversible cylinders or portable fountains. Press may be equipped with Goss Reels-Tensions-Pasters and Paster Pilot controls. | | | | | | | |
| Goss Universal[17] | 35 | As specified | 22.77 | 22.77 | 40,000 | Dependent on size of press | |
| Semi-cylindrical plates, underneath or end roll feed. Color by color cylinders, reversible unit cylinders, removable fountain pans. | | | | | | | |
| Goss Unitube[17] | 35 | As specified | 22.77 | 22.77 | 40,000 | Dependent on size of press | |
| Tubular plates, underneath or end paper roll feed, color by color cylinders, reversible unit cylinders, removable fountain pans. | | | | | | | |

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## NEWSPAPER PRESSES (Letterpress Rotary)—(Continued from Preceding Page)

| MAKE AND MODEL | Max. Web Width (Inches) | Max. Ptg. Width (Inches) | Max. Sheet Cut Length (Inches) | Min. Sheet Cut Length (Inches) | Speed Copies per hr. | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|---|
| Goss Dek-A-Tube[17] ..... | 35 | As specified | 22.77 | 22.77 | 40,000 | Dependent on size of press | |
| Tubular plates, End Paper Roll Feed, Color by decks, reversibility, removable fountain pans. | | | | | | | |
| Goss Unit Type Multi-color Press[17] ..... | As specified | As specified | 21 or as specified | As specified | 40,000 | Dependent on size of press | |
| Goss Deck Type Multi-Color Press[17] ..... | As specified | As specified | 21½ or as specified | As specified | 40,000 | Dependent on size of press | |
| | | | Cylinder Diam. (Inches) | | | | |
| Hoe Color-Matic Newspaper Printing Press[20] ..... | 70 or as specified | As specified | 13,684, 14.5, 15, or as specified | 21½, 22¾, 23 9/16 | 70,000 | ..... | ..... |
| Arranged to accommodate extra color cylinders, reversible cylinder equipment, extra color couples, late news and red line attachments, etc. Equipped with 3:2 or 2:1 Streamline Super-Production Anti-Friction Bearing Heavy Duty Newspaper Folders, 3-arm Reels with Fully-Automatic Electric Running Belt Tension Devices and Full-Speed Fully-Automatic Web Splicing mechanisms. | | | | | | | |
| Hoe Stream-Line Color-Convertible Press[20](*) ..... | 72½ or as specified | As specified | 13.684, 14.5, 15, or as specified | 21½, 22¾, 23 9/16 | 60,000 | ..... | ..... |
| Hoe Super-Production Arch-Type Press[20](*) ..... | 72½ or as specified | As specified | 13.684, 14.5, 15 | 21½, 22¾, 23 9/16 | 60,000 | ..... | ..... |
| Hoe Super-Production Vertical Type Press[20](*) ..... | 72½ or as specified | As specified | 13.684, 14.5, 15 | 21½, 22¾, 23 9/16 | 60,000 | ..... | ..... |
| (*)All three Hoe presses listed above are arranged to accommodate extra color cylinders, reversible cylinder equipment, extra color couples, duo (2-color) ink rails and pumps, portable color fountains, portable color pumps, four compartment pumps, late news and red line attachments, etc. Equipped with paper roll brackets and floating roller tension devices or 3-arm Reels with Fully Automatic Electric Running Belt Tension Devices and Fully Automatic Full Speed Web Splicing Mechanisms—Arranged for underneath or end roll feed. | | | | | | | |
| Hoe Super-Production Newspaper Multi-Color Press[20](*) | 63 or as specified | As specified | 13.684, 14.5, 15 | 21½, 22¾, 23 9/16 | 40,000 | ..... | ..... |
| Hoe Universal Unit Newspaper Multi-Color Press[20](*) | 72 or as specified | As specified | 13.684, 14.5, 15 | 21½, 22¾, 23 9/16 | 30,000 | ..... | ..... |
| Hoe Super-Production Single-Width Newspaper Multi-color Press[20](*) ..... | 36 or as specified | As specified | 13.684, 14.5, 15 | 21½, 22¾, 23 9/16 | 40,000 | ..... | ..... |
| (*)All three Hoe presses listed above are arranged to produce up to four printings on each side of each web or in wide variety of combinations. Equipped with paper roll brackets and Floating Roller Tension Devices or 3-arm Reels with Fully Automatic Electric Running Belt Tension Devices and Full Speed Web Splicing Mechanisms—Arranged for underneath or end roll feed. | | | | | | | |
| Hoe Printmaster Unit-type, Color-convertible, Single-Width Newspaper Press[20] | 35 | As specified | 14½ | 22¾ | 40,000 | ..... | ..... |
| Arranged to accommodate extra color cylinders, reversible cylinder equipment, duo pump ink rails, extra compensators, etc., for both spot-color and full-color (3 colors and black) printing. The press can be arranged for either end roll feed or underneath feed equipped with paper roll brackets and Floating Roller Tension Devices. | | | | | | | |
| | | | Printing Diameter (Inches) | Cylinder Circum. (Inches) | | | |
| Scott Extra-High-Speed Press[13] ..... | 68 or as specified | As specified | 13 11/16, 13¾, 14½, 15 or as specified | 43, 43.2, 45.55, 47.12 or as specified | 60,000 | Depends on number of units and folders, also printing diam. of press. | |
| Scott High Speed Unit-type Color Press,[13] built on one level or superimposed..... | 68 or as specified | As specified | 13 11/16, 13¾, 14½, 15 or as specified | 43, 43.2, 45.55, 47.12 or as specified | 45,000 | Depends on number of units and folders, also printing diam. of press. | |
| Scott High Speed Deck-type Color Press[13] ..... Ink distribution in carriages. | 68 | As specified | 13¼, 13 11/16, 13¾, 14½ or as specified | 41.62, 43, 43.2, 45.55 or as specified | 36,000 | Depends on number of units and folders, also printing diam. of press. | |
| Scott High Speed Deck-type Color Press[13] ..... Stationary ink distribution. | 34 or as specified | As specified | 13¾ or as specified | 43.2 or as specified | 40,000 | Depends on number of decks and folders, also printing diam. of press. | |
| | | | Min. Sheet Cut Length (Inches) | Max. Sheet Cut Length (Inches) | | | |
| Wood Metropolitan Press[33]... | 72 or as specified | As specified | 21½ | 23 9/16 | 65,000 | Dependent on size and arrangement of press. | |
| Underneath or end roll feed from reels or brackets. Color by Wood Four Color Unit, color couples, color cylinders, reversible unit cylinders with portable fountains. | | | | | | | |
| Wood Cosmopolitan Press[33].. | 68 | As specified | 22¾ | 22¾ | 36,000 | Dependent on size and arrangement of press. | |
| With Instrasertor-Underneath or end roll feed. Color by color couples, color cylinders, reversible unit cylinders with removable fountains. | | | | | | | |

[18]Walter Scott & Co., Div. of Wood Newspaper Machinery Corp.
[17]The Goss Company, Div. Miehle-Goss-Dexter, Inc.
[20]R. Hoe & Co., Inc.
[33]Wood Newspaper Machinery Corp.
[53]R. W. Crabtree & Sons (Canada) Ltd.

## NEWSPAPER FLATBED WEB PRESSES (Roll Feed)

| MAKE AND MODEL | Sheet Size (Inches) | Max. Form In Chase (Inches) | Max. Form In Bed | Impressions Per Hour | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|
| Goss Cox-O-Type[17] ..... Single acting press, prints up to 8 full size newspaper pages, tabloids to 16 pages, magazines (on newsprint) to 32 pages, and single or double page handbills. Double unit press will produce 10, 12, 14 or 16 pages in one section. May be arranged to print four page paper in two colors. | 22½ cutoff by 72 max. web | 21½x17 3/16 | 21½"x71" | 3,500 | 22,000 lbs. | 12'5"x12'9" |

[17]The Goss Company, Div. Miehle-Goss-Dexter, Inc.

## NEWSPAPER PRESSES (Offset)

| MAKE AND MODEL | Max. Web Width (Inches) | Max. Ptg. Width (Inches) | Min. Sheet Cut Length (Inches) | Max. Sheet Cut Length (Inches) | Speed Copies per hr. | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|---|
| Goss Suburban Press[17]..... | 36 | As specified | 22¾ | 22¾ | 12,000 | Dependent on size of press | |

[17]The Goss Company, Div. Miehle-Goss-Dexter, Inc.

## FLEXOGRAPHIC (formerly Aniline) LETTERPRESS

| MAKE AND MODEL | Max. Web Width (Inches) | Printing Width (Inches) | Printing Lengths (Inches) | Speed Ft. per min. | Weight Equipped | Height of Press | Floor Space |
|---|---|---|---|---|---|---|---|
| ATF-Flexo-Jobber, 4 colors, roll to sheet[6] ..... | 12 | 12 | 11-20 | 200 | 3,450 lbs. | 6' | 3'x8'9" |
| | | | Cylinder Range (Inches) | | | | |
| Champlain Anilox[15]—14"... | 15 | 14 | 10 to 20 | 750 | ..... | ..... | ..... |
| Champlain Anilox[15]—20"... | 21 | 20 | 18 to 36 | 750 | ..... | ..... | ..... |
| Champlain Anilox[15]—26"... | 28 | 27 | 18 to 36 | 750 | ..... | ..... | ..... |
| Champlain Anilox[15]—36"... | 37 | 36 | 18 to 36 | 750 | ..... | ..... | ..... |
| Champlain Anilox[15]—44"... | 45 | 44 | 18 to 36 | 750 | ..... | ..... | ..... |
| Champlain Anilox[15]—54"... | 55 | 54 | 20 to 40 | 750 | ..... | ..... | ..... |
| Dilts Model P-F[23] ..... For trade mark and single color work. | ..... | 24, 30, 36, 42, 48, 54, 60, 66 | 5 to 9 | 500 | ..... | 22" | 35" x width |
| | | | Plate Cylinder Repeat (Inches) | | | | |
| Frostad Narrow Web Roll Printer—4½" 1 to 3 Colors[32] | ..... | 4½ | 9 to 18 | 250 plus | 750 lbs. | 48" | 2'x4' |
| Frostad Narrow Web Roll Printer—6" 1 to 4 Colors[32] | ..... | 5½ | 9 to 24 | 250 plus | 1,200 " | 66" | 3'x5' 3'x6' |
| Frostad Narrow Web Roll Printer—12" 1 to 4 Colors[32] | ..... | 11½ | 9 to 24 | 250 plus | 1,500 to 3,000 lbs. | 66" | 3'x9' 3½'x6' |
| Frostad Narrow Web Roll Printer—15"[32] ..... | ..... | 14½ | 9 to 24 | 250 plus | 1,500 to 3,000 lbs. | 66" | 3½'x9' |
| Frostad Single Impression Cylinder Printer—1 to 5 Colors[32] ..... | ..... | 24, 30, 36, 42 or as specified | Up to 31 | 150 to 600 | 10,000 " | 9'6" | 7'x20' |
| For printing package wraps, cellophane, foil and light papers, gum and stay tapes, pressure sensitive tapes, and narrow woven fabrics. Uses sticky-back rubber plates or metal backed rubber plates. Can be furnished with Letterpress Oil Ink Fountains or Flexographic (Liquid) Ink Fountains. All Flexographic (Liquid) Ink Fountains are equipped with syphon feed ink bottles. Free wheeling (electric motor driven) transfer and ink squeeze-off rollers; 360 deg. and ¼ in. lateral color register while running; tension controlled rewinds. | | | | | | | |
| | | | Printing Lengths (Inches) | | | | |
| Haida Model CP 2-Color Web Press[36] ..... | ..... | 30 | 13¼ to 30 | ..... | ..... | ..... | ..... |
| | | | Plate Cylinder Repeat (Inches) | | | | |
| Heinrich Multi-Color, Model HHH-Jet[35] ..... | ..... | 25½ to 54 | 9 to 36 | Up to 1,000 | ..... | 10' | ..... |
| All-purpose, high speed printer for printing up to six colors. Equipped with semi-automatic web splice, double unwinder (including mechanical roll lift), edge guide, web tension control, and surface and double friction rewinder. | | | | | | | |
| Heinrich Multi-Color, Model HHH-Jet-Jr.[35] ..... | ..... | 25½ to 42 | 9 to 31½ | Up to 700 | ..... | 10' | ..... |
| High speed printer for printing up to six colors on cellophane, acetate, polyethylene and other films. | | | | | | | |

*(Continued on Next Page)*

## FLEXOGRAPHIC (formerly Aniline) LETTERPRESS—(Continued from Preceding Page)

| MAKE AND MODEL | Max. Web Width (Inches) | Printing Width (Inches) | Plate Cylinder Repeat (Inches) | Speed Ft. per min. | Weight Equipped | Height of Press | Floor Space |
|---|---|---|---|---|---|---|---|
| Heinrich Multi-Color, Model HHH-Econo-Matic[35] | ..... | 20 to 36 | 9 to 31½ | Up to 500 | ..... | 8′ | ..... |
| For printing paper up to four colors; equipped with overhead web guide and friction and surface rewinder. | | | | | | | |
| Heinrich Multi-Color, Model HHH-Flexo-Rex[35] | ..... | 20 to 34 | 9 to 25½ | Up to 150 shts. per min. | ..... | 6′ | ..... |
| Web-fed auxiliary printer for printing up to three colors. Equipped with sheeter, pile delivery, surface rewinder and folder. | | | | | | | |
| Heinrich Multi-Color Model HHH-Lilliput[35] | ..... | 16½ | 7⅛ to 20 | Up to 300 | ..... | 5′ | ..... |
| For printing up to three colors on narrow width material (paper, cellophane, polyethylene, etc.). | | | | | | | |
| | | | **Cylinder Range (Inches)** | | | | |
| Kidder Standard Flexoprinter[22], 3, 4, 5 and 6 colors | 32, 44, 54 | 30, 42, 52 | 12 to 36 | Up to 600 | 50,000 lbs. | 14′ | 250 sq. ft. |
| Kidder Heavy Duty Flexoprinter[22], 4, 5 or 6 colors | 44, 54, 67 | 42, 52, 65 | 12 to 36 inc. | Up to 800 | 75,000 " | 14′ | 250 sq. ft. |
| Kidder Filmprinter[22], 3 & 4-5 & 6 colors | 32, 35, 38 | 30, 33, 36 | 10 to 24 10-36 optional | 535 | 25,000 " | 11′6″ | 100 sq. ft. |
| Kidder Centraflex[22] (Central Impression) | 38, 44 | 36, 42 | 10 to 36 | 750 | 85,000 " | 14′ | 250 sq. ft. |
| | | | **Printing Lengths (Inches)** | | | | |
| Levey Roll Feed Rubber Plate Press. Built to customer's specifications[56] | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| *No. A-1 Stack Type[21] | 25 | 15 to 25 | 10 to 30 | 100 to 1,000 | ..... | 5′ | ..... |
| *No. A-2 Stack Type[21] | 50 | 30 to 50 | 12 to 36 | 100 to 1,000 | ..... | 6′ | ..... |
| *No. A-3 Stack Type[21] | 65 | 45 to 65 | 12 to 36 | 100 to 1,000 | ..... | 6′ | ..... |
| †No. B-1 Stack Type Box Board[21] | 85 | 50 to 85 | 10 to 30 | 100 to 600 | ..... | 5′ | ..... |
| ‡No. A-4 Single Impress. Drum[21] | 50 | 30 to 50 | 12 to 36 | 100 to 1,200 | ..... | 10′ | ..... |
| ‡No. A-6 Single Impress. Drum[21] | 55 | 20 to 55 | 12 to 36 | 100 to 1,200 | ..... | 13′ | ..... |
| §No. A-7 Stack Type[21] | 50 | 20 to 50 | 12 to 36 | 100 to 700 | ..... | 10′ | ..... |
| NOTE: Stack type indicates colors arranged in series. Single impression drum type indicates colors arranged around one tympan roll. Weights and floor spaces have been omitted because these are governed by size of press, number of colors, and auxiliary equipment furnished. *A-1 handles light weight materials; A-2, medium weight; A-3, heavy weight. †B-1 handles heavy papers and light weight boards. ‡A-4 and A-6 handle papers, cellophane, films, and foils. §A-7 handles papers, cellophane, films, and foils. | | | | | | | |
| Paper Converting Machine Co.'s Central Impression Cylinder Presses[43], 3, 4, 5 and 6 Colors | 10-72 | 8-70 | 10-36 | 300-800 | ..... | ..... | ..... |
| Paper Converting Machine Co.'s Stack Type Presses[43], 2, 3, 4, 5 and 6 Colors | 10-72 | 8-70 | 10-36 | 300-800 | ..... | ..... | ..... |
| Potdevin 302[31] | ..... | 16 | 6.28-13.51 | 200 to 800 f.p.m. | Depends on No. colors | 7′ | 4′10″x5′6″ |
| Potdevin 303[31] | ..... | 20 | 6.28-28.58 | | | 7′ | 5′2″x5′6″ |
| Potdevin 304[31] | ..... | 25 | 6.28-28.58 | | | 7′ | 5′6″x5′6″ |
| Potdevin 306[31] | ..... | 31 | 6.28-28.58 | | | 7′ | 6′x5′6″ |
| Potdevin 307[31] | ..... | 34 | 6.28-28.58 | | | 7′ | 6′5″x5′6″ |
| Potdevin 308[31] | ..... | 37 | 6.28-28.58 | | | 7′ | 6′9″x5′6″ |
| Potdevin 309[31] | ..... | 39 | 13.19-37.06 | | | 7′ | 7′x6′ |
| *Potdevin 303US and DSR[31] | ..... | 20 | 6.28-28.58 | | | 7′ | 7′8″x13′ |
| *Potdevin 304US and DSR[31] | ..... | 25 | 6.28-28.58 | | | 7′ | 8′x13′4″ |
| *Potdevin cellophane flexographic press equipped with unwind, slitters and dual shaft rewind. All Potdevin flexographic presses built to accommodate up to 4-colors. | | | | | | | |
| Specialty Automatic Machine Corp.'s Presses[58] | ..... | 40 | 28 | Up to 300 | 7,000 lbs. | ..... | 7′x23′ |
| Models equipped for both flexographic and letterpress printing. | | | | | | | |
| | | | **Printing Repeat Limits (Inches)** | | | | |
| Wolverine Hydro-Printer 2, 3, 4, 5, or 6 colors[37] | 26 to 91 | ..... | 10 to 40 / 10 to 60 | ..... | ..... | ..... | ..... |
| Wolverine Hydro-Line 2, 3, or 4 colors[37] | 24 to 41 | ..... | 10 to 40 / 10 to 60 | ..... | ..... | ..... | ..... |
| Wolverine Flexo-Printer 2, 3, or 4 colors[37] | 31 to 36 | ..... | 10 to 30 | ..... | ..... | ..... | ..... |
| Wolverine Cub-Line 2, 3, 4 or 5 colors[37] | 21 to 31 | ..... | 10 to 30 | ..... | ..... | ..... | ..... |
| Wolverine Cub-Printer for 2 colors[37] | 12 to 26 | ..... | 10 to 30 | ..... | ..... | ..... | ..... |

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## FLEXOGRAPHIC (formerly Aniline) LETTERPRESS—(Continued from Preceding Page)

| MAKE AND MODEL | Max. Web Width (Inches) | Printing Width (Inches) | Cylinder Range (Inches) | Speed Ft. per min. | Weight Equipped | Height of Press | Floor Space |
|---|---|---|---|---|---|---|---|
| Wolverine Flexographic Printing Unit 1 or 2 colors[37] | 25 to 91 | ..... | 10 to 40<br>10 to 60 | ..... | ..... | ..... | ..... |
| Wolverine Cub-Printer Model X-120 1 and 2 colors[37] | 12 to 26 | ..... | 10 to 30 | ..... | ..... | ..... | ..... |
| Wolverine Cub Flexographic Printing Unit, 1 and 2 colors[37] | 6 to 26 | ..... | 10 to 30 | ..... | ..... | ..... | ..... |
| | | | Printing Lengths (Inches) | | | | |
| Young Hypromatic 6-28[34] | ..... | 6-28 | 12 to 34 | 800 | ..... | 8' | ..... |

[6]American Type Founders, Inc.
[15]Champlain Co., Inc.
[21]Hudson Sharp Machine Co.
[22]Kidder Press Co.
[23]Dilts Div., The Black-Clawson Co., Inc.
[31]Potdevin Machine Co.
[32]Frostad Engineering Co.
[34]Young Engineering Co.
[35]Heinrich Equipment Corp.
[36]Haida Engineering Co.
[37]Wolverine Paper Converting Machinery Corp.
[43]Paper Converting Machine Co.
[56]Machinery Div., Fred'k H. Levey Co., Inc.
[58]Specialty Automatic Machine Corp.

## ROTOGRAVURE PRESSES (Roll Feed)

| MAKE AND MODEL | Max. Web Width (Inches) | Max. Ptg. Width (Inches) | Min. Cyl. Circumference (Inches) | Max. Cyl. Circumference (Inches) | Rated Speed Ft. Per Min. | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|---|
| ATF-Klingrose Presses[6] | Up to 43 | 42 | 17 | 34 | Up to 750 | ..... | ..... |
| Built for printing 1 to 8 colors. Will print on paper, laminated foil, cellophane, glassine, tissue and lightweight board. Will deliver in sheets or rewound rolls. Max. sheet delivery speed, 15,000 sheets per hr. Used for printing bread, soap, food, and package wraps, labels, catalogs, direct advertising, calendars and rotogravure specialties. | | | | | | | |
| Champlain Cavalier 14[15] | 15 | 14 | 10 | 20 | Up to 750 | ..... | ..... |
| Champlain Cavalier 20[15] | 21 | 20 | 10 | 20 | Up to 750 | ..... | ..... |
| Champlain Cavalier 26[15] | 28 | 27 | 10 | 20 | Up to 750 | ..... | ..... |
| Champlain Standard 20[15] | 21 | 20 | 18 | 36 | Up to 850 | ..... | ..... |
| Champlain Standard 26[15] | 28 | 27 | 18 | 36 | Up to 850 | ..... | ..... |
| Champlain Standard 36[15] | 37 | 36 | 18 | 36 | Up to 850 | ..... | ..... |
| Champlain Standard 44[15] | 45 | 44 | 18 | 36 | Up to 850 | ..... | ..... |
| Champlain Converter 44[15] | 45 | 44 | 20 | 40 | Up to 1,000 | ..... | ..... |
| Champlain Converter 54[15] | 55 | 54 | 20 | 40 | Up to 1,000 | ..... | ..... |
| Champlain V-2[15] | 2¼ | 2 | 5 | 9 | Up to 1,000 | ..... | ..... |
| Champlain V-3[15] | 3¼ | 3 | 5 | 9 | Up to 1,000 | ..... | ..... |
| Champlain V-4[15] | 4½ | 4 | 6½ | 11 | Up to 1,000 | ..... | ..... |
| Speed of above Champlain presses depends on size of press, material and drying requirements. Floor space varies with number of color units, type reel stand and delivery equipment. Delivery available with single and multiple rewinds, sheet cutter, and carton cutter-creaser. Weight depends on number of color units and type of roll handling and delivery equipment. | | | | | | | |
| Cottrell Goebel Regina 670[12] | 26⅜ | 25⅝ | 23⅝ | 37 5/16 | 600 | ..... | ..... |
| Cottrell Goebel Regina 700[12] | 28 11/32 | 27 13/32 | 23⅝ | 37 5/16 | 600 | ..... | ..... |
| Cottrell Goebel Regina 800[12] | 31½ | 30¾ | 27 9/16 | 44⅛ | 600 | ..... | ..... |
| Cottrell Goebel Regina 900[12] | 35 7/16 | 34 11/16 | 27 9/16 | 44⅛ | 600 | ..... | ..... |
| Floor space and weight varies with number of color units and delivery equipment. Delivery available with single and multiple rewinds, sheeter or cutter-creaser. | | | | | | | |
| Cottrell Monotone or Multi-color[12] | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| For magazine, catalog, or newspaper supplement. Speed up to 1500 F.P.M. Folder—flat delivery or rewind. | | | | | | | |
| Crabtree High-Speed Rotogravure Press. Built to customer's specifications[53] | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Fitted with variable speed doctoring, automatically maintained impression, continually circulating ink, enclosed drying hoods, water cooled pressure roller, web conditioning steam drums, completely enclosed fountains. | | | | | | | |
| Goss-Speedry Gravure[17] | 94½ | Limited by web width | 34½ | 56½ | Up to 1500 | ..... | ..... |
| Press may be equipped with newspaper or magazine folders, rewinders, imprinting devices, etc. | | | | | | | |
| | | | | | Rewind Ft.p.m. | | |
| Hoe Super-Production Rotogravure Press[20] | ..... | 102, or as specified | As specified | 35 to 70 or as specified | Up to 1500 | Dependent on size of press | |
| Units equipped with automatic preset impression pressure control device, reciprocating doctor arrangement, covered fountains, circulating ink system and pushbutton operated side-lay and circumferential adjustments. Can be equipped with magazine folders, newspaper type rotogravure folders, high speed sheet | | | | | | | |

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## ROTOGRAVURE PRESSES (Roll Feed)—(Continued from Preceding Page)

| MAKE AND MODEL | Max. Web Width (Inches) | Max. Ptg. Width (Inches) | Min. Cyl. Circumference (Inches) | Max. Cyl. Circumference (Inches) | Rewind Ft. p.m. | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|---|
| deliveries or rewinders, or a combination of these. Folders may be equipped with rotary wire stitcher mechanisms or paster mechanisms. Equipped with 3-Arm reels with fully automatic electric running belt tension devices and automatic full speed web splicing mechanisms or paper roll brackets and floating roller tension devices. Full width letterpress imprinter units may be furnished to operate in conjunction with rotogravure units. | | | | | | | |
| Hudson-Sharp 5-Color No. 2-RA Rotogravure Press[21] ..... | 50 | 50 | 15 | 36 | 600 | ..... | ..... |
| Handles packaging films, cellophane, foils, papers and lightweight board stocks. | | | | | | | |
| Hudson-Sharp No. 3-RA Rotogravure Press[21] ..... | 90 | 90 | 25 | 40 | 600 | ..... | ..... |
| Handles heavy papers and boards. | | | | | | | |
| | | | | | | Weight Equipped Six Colors | |
| Kidder Standard Rotogravure Unit Type Press[22] ..... | 22 | 20 | 17 | 34 | Up to 700 | 75,000 lbs. | |
| | 26 | 24 | ..... | ..... | ..... | ..... | |
| | 32 | 30 | ..... | ..... | ..... | ..... | |
| | 38 | 36 | ..... | ..... | ..... | ..... | One unit with unwind and rewind 360 sq. ft. Single unit 72 sq. ft. |
| Kidder Heavy Duty Rotogravure Unit Type Press[22] ..... | 38, 46, 56 | 36, 44, 54 | 22 | 44 | Up to 1,000 | 130,000 lbs. | |
| | | | | | | Weight Equipped | |
| Hypromatic[34] ..... | 34 | 34 | 17 | 34 | Up to 600 | 4,000 lbs. per unit | 22′ per unit |
| | | | | | Rated Speed Ft. p. m. | | |
| Motter Rotogravure[44] ..... | Up to 95 | Up to 94 | 33 | 57 | 1,200 | ..... | ..... |
| Press can be arranged for monotone or color for use with newspaper and magazine folders, rewinders, imprinting devices, etc. | | | | | | | |
| Precise Rotogravure Press[45] ... | 27 to 86 | 26 to 84 | 17 | 35 to 70 or as specified | Up to 1600 | ..... | ..... |
| For printing newspaper or magazine publications, catalogs, labels, wrapper and carton printing on paper, boxboard, glassine, foil or cellophane. Presses furnished with mechanical or electric eye circumferential register control, motorized or hydraulic impression pressure rolls, folder, sheet delivery, or rewind. With integrated plastic coating, sheeting, slitting, embossing, perforating, rewinding and die cutting equipment. | | | | | | | |
| Precise A[45] ..... | 24 | 22 | 10 | 24 | 600 | ..... | ..... |
| Precise N[45] ..... | 44 | 42 | 20 | 44 | 1,000 | ..... | ..... |
| Precise NH[45] ..... | 62 | 60 | 20 | 44 | 1,000 | ..... | ..... |
| Precise B[45] ..... | 102 | 100 | 22 | 62 | 1,000 | ..... | ..... |
| Roto Matic[34] ..... | 8-26 | 26 | 12 | 42 | 600-1200 | ..... | ..... |
| Scott High Speed Gravure[13] Hydraulic pressure and ink cooling ..... | 78 | Limited by web width | 35 or as specified | 70 or as specified | Up to 1,600 | Dependent on No. units | |
| Standard Process 6030[49] ..... | 31 | 30 | 17 | 34 | Up to 750 | Dependent on No. units | |
| Standard Process 6060[49] ..... | 37 | 36 | 17 | 34 | Up to 750 | Dependent on No. units | |
| Standard Process 6040[49] ..... | 46 | 45 | 22 | 48 | Up to 1,000 | Dependent on No. units | |
| Standard Process 6070[49] ..... | 57 | 56 | 22 | 48 | Up to 1,000 | Dependent on No. units | |
| Units equipped with enclosed ink fountains, circulating ink systems, 360 deg. planetary gearing register control, eccentrically controlled impression rolls that can be raised or lowered collectively or individually from any press unit station, relative impression pressure gauges and Standard Process patented dryers. Presses can be supplied with photo-electric register control, reel stand and rewinder with constant tension. | | | | | | | |
| Staude "1000" Rotogravure Press[3] ..... | 28 | 27 | 18 | 36 | 1,000 | ..... | ..... |
| Staude "1000" Rotogravure Press[3] ..... | 37 | 36 | 23 | 46 | 1,000 | ..... | ..... |
| Staude "1000" Rotogravure Press[3] ..... | 45 | 44 | 23 | 46 | 1,000 | ..... | ..... |
| Staude "1000" Rotogravure Press[3] ..... | 55 | 54 | 23 | 46 | 1,000 | ..... | ..... |
| Multi-color for wrapper, label and carton printing. Fabricating and delivery equipment consists of rewinds, sheeters with continuous pile delivery and rotary blankers. Press prints to whatever margins may be deemed advisable. Units equipped with Staude roll-away fountain, controlled pressure ink distribution, push button or automatic running register, hydraulic impression pressure and a variety of precision Staude controls designed for specific applications. Staude Auto-Butt Splicers for carton production. | | | | | | | |
| Stoessel Single Color and Multicolor. All sizes[26] ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |

[3]E. G. Staude Mfg. Co., Inc.
[5]Miller Printing Machinery Co.
[6]American Type Founders, Inc.
[12]The Cottrell Company, Sub. of Harris-Intertype Corp.
[13]Walter Scott & Co., Div. of Wood Newspaper Machinery Corp.
[15]Champlain Co., Inc.
[17]The Goss Company, Div. of Miehle-Goss-Dexter, Inc.
[20]R. Hoe & Co., Inc.
[21]Hudson-Sharp Machine Co.
[22]Kidder Press Co.
[26]Stoessel Machine Mfg. Co.
[34]Young Engineering Co.
[44]George F. Motter's Sons
[45]Precise Engineering Co., The
[49]Standard Process Corp.
[53]R. W. Crabtree & Sons (Canada) Ltd.

## GRAVURE PRESSES (Sheet Feed)

| MAKE AND MODEL | Maximum Sheet (Inches) | Minimum Sheet (Inches) | Maximum Printing Area (Inches) | Impressions Per Hour | Weight Equipped | Floor Space |
|---|---|---|---|---|---|---|
| Miehle No. 44 Gravure Single Color[7] | 29x43 | 16x19 | 28½x42 | 3,000-6,000 | 26,825 lbs. | 22'9¼"x11'2¾" |
| Miehle No. 44 Gravure 2-C[7] | 29x43 | 16x19 | 28½x42 | 3,000-6,000 | 43,650 " | 26'5"x11'2¾" |
| Miehle No. 44 Gravure 3-C[7] | 29x43 | 16x19 | 28½x42 | 3,000-6,000 | 64,500 " | 30'¾"x11'2¾" |
| Miehle No. 44 Gravure 4-C[7] | 29x43 | 16x19 | 28½x42 | 3,000-5,500 | 85,350 " | 33'8½"x11'2¾" |
| Stoessel Single Color,[26] Hand and Automatic Feed | 12x18 Up to 32x44 | ..... | ..... | 5,000 Automatic | ..... | ..... |
| Waite Inverted 7x11[39] | ..... | ..... | 7 x11 | 1700 | 9,150 " | 77"x62" |
| Waite Inverted 8x12[39] | ..... | ..... | 8 x12 | 1600 | 9,350 " | 77"x62" |
| Waite Inverted 10x15[39] | ..... | ..... | 10 x15 | 1500 | 11,350 " | 80"x67" |

[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc. [26]Stoessel Machine Mfg. Co. [39]Cronite Co., Inc.

## DIE STAMPING (Steel Die Embossing) PRESSES

| MAKE AND MODEL | Maximum Die Size (Inches) | Speed | Weight Equipped | Floor Space |
|---|---|---|---|---|
| Carver 2½x 4[39] | 2½x 4 | 2,200 | 2,000 lbs. | 66"x54" |
| Carver 3 x 8[39] | 3 x 8 | 2,400 | 4,000 " | 74"x64" |
| Carver 4½x 9[39] | 4½x 9 | 1,800 | 6,500 " | 69"x64" |
| Carver 7 x11[39] | 7 x11 | 1,600 | 9,000 " | 76"x80" |
| Carver 8 x12[39] | 8 x12 | 1,500 | 12,500 " | 84"x80" |
| Modern 2½x 4[39] | 2½x 4 | 2,400 | 2,200 " | 66"x53" |
| Modern 3 x 8[39] | 3 x 8 | 3,600 | 3,750 " | 72"x54" |
| Modern 5 x 9[39] | 5 x 9 | 1,800 | 6,500 " | 78"x50" |
| Modern 7 x 11[39] | 7 x11 | 1,600 | 7,200 " | 79"x57" |
| Modern 8 x12[39] | 8 x12 | 1,500 | 10,500 " | 90"x85" |

[39]Cronite Co., Inc.

## SCREEN PROCESS PRESSES

| MAKE AND MODEL | Maximum Sheet (Inches) | Impressions Per Hour | Weight Equipped | Floor Space |
|---|---|---|---|---|
| General 18 Silk Screen Press[47] | 13x20 | 800-3000 | 850 lbs. | 3'x6' |
| General 24 Silk Screen Press[47] | 19x25 | 800-2750 | 1,000 " | 3'6"x7' |
| General 32 Silk Screen Press[47] | 22x30 | 800-2000 | 3,200 " | 6'x8' |
| General 38 Silk Screen Press[47] | 25x38 | 800-2000 | 3,800 " | 6'6"x8'6" |
| General 45 Silk Screen Press[47] | 35x45 | 800-1750 | 5,000 " | 7'4"x11' |
| General 52 Silk Screen Press[47] | 38x52 | 800-1500 | 7,000 " | 8'2"x11' |
| General 76 Silk Screen Press[47] | 52x76 | 800-1500 | 15,000 " | 12'x17' |
| General Model 24A Tandem Press[47] | 17x25 | 800-5000 | 1,200 " | 3'6"x7'6" |
| Will print on paper, cover stock, plastics, films, cardboard, etc., up to 80 pts. thickness. Also light gauge metals up to 28 ga. Mechanical feeding devices may be added. Screen stencils are inserted and released on machine frame. Designed to use inks, paints, lacquers, glues or adhesives, from thin liquids to heavy, stiff pastes. | | | | |
| General Decorator A1824[47] | 20x26 | 800-1800 | 2,500 " | 4'x9' |
| General Decorator A1836[47] | 20x38 | 800-1800 | 3,000 " | 5'x9' |
| General Decorator A2842[47] | 29x43 | 800-1500 | 4,200 " | 6'x9' |
| Will print glass, masonite, rigid plastic, plywood, etc. | | | | |
| General Decorator B1224[47] | 13x25 | Up to 1000 | 1,800 " | 4'x5' |
| General Decorator B2430[47] | 24x30 | Up to 800 | 3,000 " | 5'x7' |
| General Decorator B2436[47] | 24x36 | Up to 800 | 3,500 " | 5'6"x7' |
| Will print electronic circuits and heavy catalog covers. Automatic or manually fed; either straight through continuous feeding or intermittent cycling with sheet returning to operator for inspection. | | | | |
| Lawson Genie[51] | 11x16 to 48x72 | 300 to 1,000 | 400 to 900 " | 3'6"x7' to 6'6"x10' |
| Prints on paper, cardboard, wood, masonite, metal, plastics, vinyl and textiles of any thickness. | | | | |
| Screen Printing Machine Model R. P. 3[48] | ..... | 1500 to 1800 | Approx. 395 lbs. | 2'x4' |
| For printing on cylindrical and sphere shaped objects of glass, metal, plastic, wood and rubber. Operates by means of compressed air. Will handle objects up to 4 in. diam. Carriage is adjustable to travel from ½ to 12 in. Other models are available for printing on cylindrical objects up to 55 gal. drums, as well as flat screen printing machines for printing on flat bottles, cans, circuits, etc. | | | | |

[47]General Research & Supply Co. [48]Dependable Compressor & Machine Co. Inc. [51]Lawson Printing Machine Co.

# TECHNICAL BOOKS

## *For the Production and Mechanical Executive*

### *General*

**COLOR BY OVERPRINTING—By Donald E. Cooke.** New economy edition. This is a guidebook in the art and printing techniques employing transparent inks in multiple combinations with a view to helping printers get their share of increased color printing. The method described is implemented with standard printing plates on standard presses by letterpress, offset, gravure and silk screen with existing equipment. This is a 268 page, 8½ in. by 11 in. book. It has 44 pages of illustrations, 165 pages of color charts with keyed numbers of inks employed to secure colors from 11 basic colors and black. The text is annotated for those who may be unfamiliar with the terms of the trade. Price $15.25 per copy postpaid in USA only. $16.25 in other countries.

**ESTIMATING STANDARDS FOR PRINTERS—By Fred W. Hoch.** This latest 278 page addition to the Standard Management Series has been prepared for industrial and student use. Production schedules, charts, tables and graphs contained in the text are to aid the estimator in a better understanding of average production for the industry. Chapters cover paper, slug, Monotype and hand composition; page makeup; imposition and lockup; makeready and press running; ink and bronzing; cutting; folding, stitching and trimming; bindery operations; and art work, engraving and electrotyping. $5.25 per copy postpaid in USA only. $6.25 in other countries.

**PHOTOMECHANICS AND PRINTING—By J. S. Mertle and Gordon L. Monsen.** This book is a valuable source of technical information to printing plant managers, superintendents, production managers and foremen in all mechanical departments. *Photomechanics and Printing* is a complete technical treatise for the Graphic Arts industry. Every platemaking and printing process is discussed step by step in the book's nine chapters. The exacting attention given to all facets of printing in easily understood form makes the book excellent for students and teachers.

Highlights of the book include chapters on originals for reproduction; photographic materials and equipment; continuous tone, line and halftone photography; color reproduction; photoengraving and letterpress printing; offset printing; photointaglio procedures; silk screen process, and a history of paper in printing. Size of book is 8½ in. by 11¼ in. with more than 421 pages and 310 illustrations. Hard bound in yellow cloth with slate stamping. Price, $15.25 per copy postpaid in USA only. In other countries, $16.25 per copy postpaid.

**PENROSE ANNUAL—Edited by Allan Delafons.** This is the 52nd annual edition. Technological developments in the Graphic Arts over the past few years are surveyed in a section of the book entitled *Editorial Notes*. Among the subjects discussed are powderless etching, tone correction, color, electronics, and engraving. Articles comprising advertising art, typography, type designing, management training, and various other areas of the Graphic Arts are presented in a section devoted to general topics. The technical section of the volume consists of 16 articles dealing with such subjects as: Bank note engraving, web offset color printing, ROP color, electronic color correction, nylon printing plates, and printing quality. Four of the articles appearing in this section were written by U. S. technical men. A number of colorful line illustrations and process reproductions are found in an *Illustrations of the Year* section of the book. Lithography, gravure and letterpress are represented in the samples. Examples of six color reproductions by letterpress and lithography are also included. Color has not been spared in the advertisement section, where several full color reproductions appear. A number of interesting layouts and designs are also found in this section. The book measures 8½ in. by 11¼ in.; 138 pages of text with nearly 100 pages of inserts and 50 pages of advertisements; hard bound, brown cloth cover. Price $11.50 per copy in USA only. Other countries, $12.50.

**GRAPHIC ARTS PROCEDURES—By R. Randolph Karch.** The fourth printing of a book on fundamentals of printing, written for the printer, printing student, apprentice, artist, copywriter, advertising and business executive. Includes: 384 pages, 257 illustrations; chapters on printing processes, type faces, layouts, proofreading, printing plates, imposition, presswork, bindery work and platemaking; 17 pages of definitions of Graphic Arts terms. Price, $4.75 per copy postpaid in USA only. In other countries, $5.65.

**MATERIALS HANDLING APPLICATIONS—By D. Oliphant Haynes.** Information on improving a materials handling program at commercial and manufacturing levels is given in D. Oliphant Haynes' new book *Materials Handling Applications*. The book should be of interest to superintendents, foremen, and plant engineers. It is a companion volume to the author's *Materials Handling Equipment*. According to Haynes, effective and economical adaptation of the materials handling job to the work area available is crucial to the solution of all types of materials handling problems. He backs this with information not only for individual jobs, but for entire programs as well. Instructions on how to make a materials handling survey and interpret results with a view to selecting an effective materials handling program are included in the book. Book consists of 381 pages and 1100 illustrations. Price is $12.50 in USA only. Other countries, $13.50 postpaid.

### *Composing*

**MECHANISM OF THE LINOTYPE AND INTERTYPE—By Oscar R. Able and Windsor A. Straw.** This is the 1950 revision now in its 14th edition. Originally written by John S. Thompson. Approx. 200 illustrations. Prepared for machinist-operators, machinists and superintendents. Price $5.50 per copy. Postpaid in USA only. All other countries, $6.50 per copy postpaid.

### *Pressroom*

**OPERATION OF THE OFFSET PRESS—by Theodore F. Makarius.** This book has been written for the man who must makeready and operate the offset printing press. Separate chapters in the book deal with setting the pressure, inking the rollers, dampers, ink fountains, mounting the plate and blanket, split fountain printing, drying problems, register troubles, and many other problems facing the operating offset pressman. Color charts are included, one of which demonstrates the difference in cleanliness of color when mixing two inks which complement each other. This is a 254 page, 5¼ in. by 7⅞ in. book, bound in a gold stamped semi-flexible cover. Price $10.25 per copy postpaid in USA only. Other countries $11.25 per copy.

**PRINTING AND LITHO INKS—By Herbert J. Wolfe.** All phases of print-ink making are said to be covered in the revised fifth edition of this 490 page book. Included are chapters on history of inks, raw materials, chemistry and physics, formulation, factory equipment, testing, ink troubles and remedies, and major types of ink (letterpress, offset, gravure), as well as special inks. Photos, charts and tables are used. Cloth bound with gold stamping; size 6 in. by 9 in. Price, $8.75 per copy postpaid in USA; $9.25 elsewhere.

**HOW TO ADJUST WORK-UPS—By Wm. H. Lichter and Geo. F. Smalley.** Booklet consists of 24 pages in which are analyzed and remedies are given for prevention and/or elimination of work-ups. Material written as result of actual plant experience. Size 5¼ in. by 7¼ in. Price $1 per copy postpaid in USA only. Other countries, $1.50 per copy.

### *Offset*

**OFFSET DUPLICATOR TECHNIQUES—Original edition by Richard Caruzzi; edited and revised by Fred W. Hoch and Carl B. Harris.** The 96 pages contain 539 items of index information on offset duplicator techniques. Of the 17 chapters, special attention has been given to the revision of those pertaining to photography, chemistry, plates and platemaking, type and typesetting, and preparation of copy. Methods, materials and machines now used have been added. More than 100 illustrations. $5.25 per copy postpaid in USA only. Elsewhere, $6.25 per copy postpaid.

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# HELPFUL LITERATURE

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## Circle Numbers on Reader Service Card in This Issue

*Keep Yourself Informed.* The folders and bulletins listed below all pertain to modern equipment, supplies, processes and/or methods. These have been prepared especially for plant managers, superintendents and foremen. Please circle the numbers on the Reader Service Card in this issue for the bulletins you wish to receive. Drop the self-addressed card in the mail. PRINTING PRODUCTION will forward your request.

## Composing Room

### STAR PARTS QUADDERS

The Selectro-matic, Mechanical, and Economy quadders are discussed in bulletins published by Star Parts, Inc. Installation and operating details are given. Circle No. 306 on Reader Service Card.

### MOHR SLUG SAW

Mohr Lino-Saw Co. is offering an illustrated booklet on its Mohr slug cutting saw which is designed to be attached directly to the line-composing machine. Circle No. 316 on Reader Service Card.

### NOLAN REMELTERS

Information on type remelters has been made available by Nolan Corporation. Included in the information are recommendations for specific needs. Circle No. 309 on Reader Service Card.

### MATRIX CONTRAST COLOR CODING

A brochure explaining operation of the Matrix Contrast Color-Coding system is available from Matrix Contrast Service. The system is said to eliminate wrong font mistakes, reduce composition errors and transpositions. Circle No. 311 on Reader Service Card.

### ATF TYPESETTER

American Type Founders Co., Inc., has issued an 8 page booklet on the ATF Typesetter. The step-by-step operation of the phototypesetter is outlined, mechanical features are illustrated and keyboard layouts for different text and tabular needs are shown. Circle No. 315 on the Reader Service Card.

## Platemaking

### LAMINATED PLASTIC BASE

Midwest Publishers Supply Co. is offering information on and samples of reZion laminated plastic base for use with newspaper plates or proof press bases. Circle No. 317 on Reader Service Card.

### nuARC EQUIPMENT CATALOG

A pocket-size catalog listing the entire nuArc line of Graphic Arts equipment has been published by nuArc Company, Inc. Among the items included are pictures and descriptions of flip-top and Rapid Printer platemakers, light tables, arc lamps, vacuum frames, darkroom lights, and storage cabinets. Circle No. 339 on Reader Service Card.

### MAGPLATE PRODUCTS

Folders describing Magplate products have been prepared by Magplate Div., Brooks & Perkins, Inc. Products included are magnesium newspaper saddles, photoengravers' metal, and backup plates. Circle No. 313 on Reader Service Card.

### 24 IN. BY 24 IN. CAMERA

Information on the Marathon 24 in. by 24 in. roll film camera has been made available by Chemco Photoproducts Co., Inc. The camera is equipped with an automatic roller applied contact halftone screen. Circle No. 318 on Reader Service Card.

### PHOTOMECHANICAL EQUIPMENT

Descriptions of cameras, Plate Mates and accessories have been made available by Robertson Photo-Mechanix, Inc. Circle No. 319 on Reader Service Card.

### DENSICHRON CATALOG

A 20 page catalog describing Densichron instruments has been prepared by the W. M. Welch Scientific Co. The catalog contains information on specifications of instruments and suggests applications of the various densitometers. Circle No. 320 on Reader Service Card.

### CHEMCO ROLL FILM CAMERA

A four page folder describing the 24 in. by 24 in. roll film camera is being offered by Chemco Photoproducts Co. Specifications are listed. Circle No. 322 on Reader Service Card.

### KIMBERLY-CLARK MAT-PAK

Literature on Mat-Pak matrix backing has been prepared by Kimberly-Clark Corporation. Mat-Pak is said to give automatic uniform packing in the molded stereotype mat. Circle No. 326 on Reader Service Card.

## Pressroom

### 6-COLOR FLEXOGRAPHIC PRESS

An illustrated folder concerned with a six color flexographic printing press has been released by Paper Converting Machine Co. Information on the new features of the Model 2641 flexographic press are included. Circle No. 314 on Reader Service Card.

### MAKEREADY AND STRIPPING KNIVES

Specifications of Safety-Guard knives for makeready and stripping uses are shown on a catalog sheet prepared by X-acto, Inc. Diagrams illustrate operation of the guard and the method of blade replacement. Circle No. 323 on Reader Service Card.

### HEIDELBERG TWO COLOR PRESS

Information is given in a bulletin on Heidelberg two color presses, 15½ in. by 20½ in. and 21 in. by 28 in. models. Specifications and other technical information can be obtained from the literature. Circle No. 324 on Reader Service Card.

### WEBMASTER PRESS DRIVES

Information on unit press drives has been made available by Cutler-Hammer, Inc. Included are details on sizes and type of drives. Circle No. 327 on Reader Service Card.

### NEWSPRESS ROLLER

The Five Star (Final) Newspress roller is the subject of literature released by Sam'l Bingham's Son Mfg. Co. The roller is said to be flame resistant. Circle No. 328 on Reader Service Card.

### INK CONTROL SYSTEM

Literature on the Push-Button Ink Control System has been prepared by Wood Newspaper Machinery Corp. The system reportedly allows the operator push button control of ink flow. Circle No. 329 on Reader Service Card.

### TWO COLOR OFFSET PRESS

Literature on the Miehle two color offset press has been released by Miehle Company, Div. Miehle-Goss-Dexter, Inc. The press is a companion to the Miehle 29 offset press. Circle No. 330 on Reader Service Card.

### CAPCO ROLLER GRINDERS

Information on the Capco roller grinder has been prepared by Capital Tool & Mfg. Co. The equipment grinds rubber rollers, applies powder and polishes the rollers. Circle No. 332 on Reader Service Card.

### ROUTER FOR PRESS BED

Pioneer-Toledo Corporation has prepared a bulletin on its router for flatbed press beds. It is claimed that the router will not scratch or grind chips into the form. Circle No. 333 on Reader Service Card.

### DAVIDSON DUAL-A-MATIC PRESS

The Davidson Dual-A-Matic duplicator press is described in a broadside released by Davidson Corporation. Descriptions of Davidson's two cylinder principle which allows printing on both sides of the paper are included, as well as other features. Circle No. 310 on Reader Service Card.

### CROSFIELD REGISTER CONTROLS

A brochure outlining the operation of register controls has been published by Crosfield Electronics, Inc. Controls are available for color register, web sidelay, folders, sheeters, die cutters, and web inserters. Circle No. 331 on Reader Service Card.

## Bindery, Mailroom

### CHALLENGE PAPER DRILLING MACHINES

A 20 page booklet covering Challenge paper drilling machines and accessories has been released by Challenge Machinery Co. A selector guide listing the specifications and particular advantages of the 10 single spindle drill models is included. Circle No. 334 on Reader Service Card.

### HYDRAULIC CLAMP CUTTER

Literature on hydraulic clamp cutters has been made available by Lawson Company, Div. Miehle-Goss-Dexter, Inc. The cutters come in 39 in. to 69 in. sizes. Circle No. 335 on Reader Service Card.

### DIDDE-GLASER COLLATORS

Information regarding Speed-Klect sheet collators has been issued by Didde-Glaser, Inc. Description of Model 51-11G is included. Circle No. 312 on Reader Service Card.

## Miscellaneous

### DIVIDER-TYPE SHELF FILING

A divider-type series of shelves for storing records is the subject of a booklet issued by Remington-Rand. Descriptions of divider-type shelf filing supplies are included. Circle No. 321 on Reader Service Card.

### SUGGESTIONS FOR TRUCK LOADING DOCKS

Suggestions for planning or improving truck loading docks are contained in a booklet published by Kelley Company. Traffic jams, spotting positions, and types of equipment are discussed. Circle No. 338 on Reader Service Card.

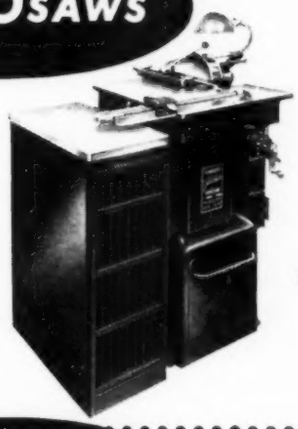
### LITHOGRAPHIC COLOR CHART

A lithographic color chart has been prepared by Monadnock Paper Mills, Inc. The chart shows colors and tones obtainable from the four basic colors used in process printing. Circle No. 340 on Reader Service Card.

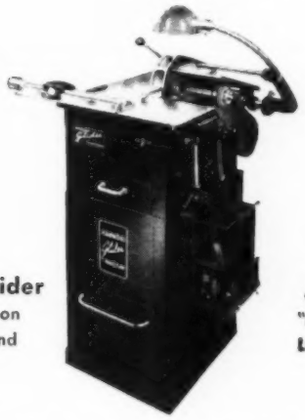
# Hammond OF KALAMAZOO

**TRIMOSAWS and STEREO EQUIPMENT**

## TRIMOSAWS



G-100 *Glider*
"The Saw with the Ball Bearing Table"



Bench Glider
Mounted on Floor Stand

*Ben Franklin*
"Finest Saw in the Low Price Field"

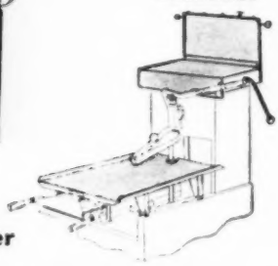
## EasyKasters

Full Page
EasyKaster

5 and 6 Column
EasyKaster

EasyKaster
Pig Molder

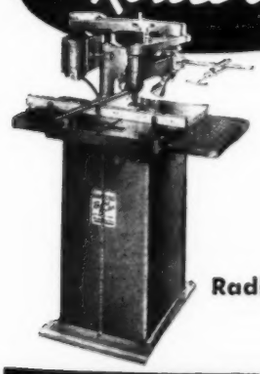
## Scorchers



EasyKaster
Scorcher

Full-Page
Electric
Scorcher

## Routers



Radial Router

Router Planer

## PlateShaver

Full Page
PlateShaver

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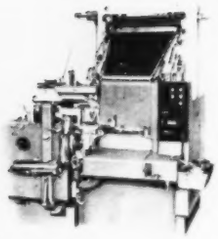

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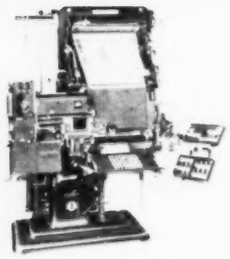
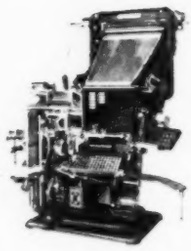
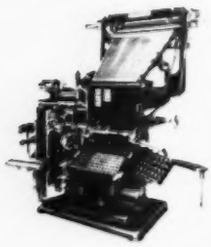


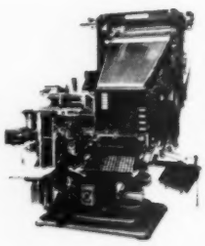
**VERSATILE FOTOSETTER** . . . more than three times as many used by publishers, printers and typographers as all other keyboard operated photographic typesetting machines combined.



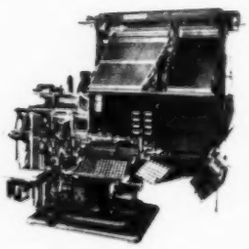
**POPULAR MODEL C** . . . widely used for manual and automatic production of text, heads and ad work. Available in 1, 2, 3 or 4-magazine models.



**ECONOMICAL MODEL V** . . . outstanding performer where operations call for a single magazine text machine.



**PROFIT MAKING MODEL F MIXER** . . . for the efficient production of mixed composition at straight matter speed for book, commercial and newspaper work by either manual or automatic methods.



**TRIPLE DUTY MODEL G MIXER** . . . is a full speed straight matter machine, a wide-range display and headletter machine as well as being a time-saving mixer.

Ask your Intertype representative to recommend the machines which are best for you.

HARRIS INTERTYPE CORPORATION

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